

# New Jersey

## Gas

# Implementation

## Guideline

For  
Electronic Data Interchange

TRANSACTION SET

# 814

Enrollment  
**Request and Response**  
Ver/Rel 004010

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## Summary of Changes

March 29, 2000	Initial Release
May 18, 2000	Segment DTM - Removed all time codes but Eastern Segment AMT - Deleted segment for Participating Interest, Eligible Load Percentage, Capacity and Transmission Obligation Added Action item Notes on Maximum Amount, and Rate Amount, and Total Annual Sales Segment REF- Deleted electric Type of consumption and added gas to REF Meter Type. Added Intermediate to REF type of metering Information Updated Examples
May 24, 2000 Version 1.1	Segment BGN - Remove note on BGN06 Segment AMT - LD - number of months made optional MA - DCQ at enrollment time, made optional RJ - Rate amount, move to NM1 loop as a REF* BN segment TA - Total Therms, made optional Segment NM1 - note added for South Jersey Gas Segment REF NH - note added for New Jersey Natural Gas PR - note added for New Jersey Natural Gas RB - note added for New Jersey Natural Gas Added REF's PRT - Capacity Release Option added for New Jersey Natural Gas BN - Rate amount moved from AMT account level to meter level REF DQ - Highest Month Average Daily (HMAD)- added for New Jersey Natural Gas SJ - Maximum Daily Quantity (MDQ)- added for New Jersey Natural Gas Changed Generation Services to Enrollment Request Updated Examples Updated State use notes on Addresses
August 2, 2000 Version 1.2	
May 24, 2000 Version 1.3	<ul style="list-style-type: none"><li>• Segment REF*BN (Rate Amount) moved REF03 description to REF02 and deleted REF03</li><li>• Clarified NJ Use on segment REF*RB</li><li>• Modified notes on segment REF*NH to clarify NJNG transportation service options and updated examples.</li><li>• Segment LIN changed "Generation Services" to "Customer Enrollment"</li><li>• Segment REF*PR, updated example</li><li>• Segment REF*PRT, corrected element name</li><li>• Added Table of Contents.</li><li>• Added Data Dictionary.</li><li>• Modified description on segment AMT*LD (Number of Months) to agree with description on segment AMT*MA (DCQ being value at time of enrollment)</li><li>• Updated use note on REF*PRT use valid values</li><li>• Updated Use Notes on segment REF*DQ and REF*SJ</li><li>• Added rejection reason codes to REF*7G for incorrect or missing values in REF*DQ and REF*SJ</li></ul>

October 9, 2006

DRAFT Version 1.7

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June 21, 2001

- Removed note referencing SJG on segment REF\*BN
- Added “Tracking number on Request and Response transactions” note in Notes section.
- Corrected Use Note on Segment REF\*11 (ESP Account Number)
- Corrected description of segment REF\*7G (rejection reason code) for incorrect or missing values in REF\*DQ and REF\*SJ
- Updated note “Unknown LIN05 codes” in Notes section

August 8, 2001

- Added for PSEG CAS
  - REF\*7G (Rejection Reason Code) – modified note on rejection code “C02” to include NJ.

March 8, 2002  
Version 1.6

- Corrected Use Notes on Segment REF\*PR and REF\*PRT for New Jersey Natural Gas

October 9, 2006  
Version 1.7

- Remove references to secondary services that are not offered including Meter Information (MI), Special Meter Read (SR) and Summary Interval (SI)

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## Notes

One Account per 814

Tracking number on Request and Response transactions

Multiple LINS

Response per LIN

- An EGS will be required to enroll all of the meters on an account if it enrolls one.
- There can be no more than one active EGS per account.
- On the request, the LIN01 is a unique tracking number for each line item (LIN) in this transaction. This number must be unique over all time, and is assigned by the sender of the request transactions. This number must be returned on the response transaction (accept or reject), in the same element (LIN01).
- There may be multiple detail LIN loops for each customer account.
- It is important that the sender order the LIN loops in the order they would like them processed for all primary services.
- Refer to the LIN segment within this document for a better understanding of primary and secondary services.
- The sender may send one service per account per 814 instead of using multiple LIN segments.
  - There must be one response LIN for each request LIN.
  - These responses may be created and sent at different times in different 814 transactions, but all LINS must be responded to within the time limits set by the respective Commission.

Unknown LIN05 codes

**Preferred:**

- If an GDC receives a request for a service that it does not support (whether the state supports it or not), the GDC should **reject** it with a REF\*7G\*SDE\*SERVICE DOES NOT EXIST

**Optional:**

If an GDC receives a request for a service that it does not support (whether the state supports it or not), the GDC should **accept** it, but then send a status code REF\*1P\*SNP\*SERVICE NOT PROVIDED

Rejection vs. Acceptance with Status Reason code

- A Status Reason code is different than a Rejection Reason code. The Status Reason code is used to give additional information to the receiving party (an FYI). For example, if a request for Historical Usage is sent and the transaction is valid, but historical usage is not available for that customer, the transaction is accepted and a status reason code is provided to explain that the historical usage will not be sent. If a transaction is rejected, the requester is expected to follow up and resubmit; whereas if a transaction is accepted with a status reason code, the requester is not expected to take any further action.

GDC Definitions:

- The term GDC (Gas Distribution Company) in this document refers to the utility.

ESP Definitions:

- The term ESP (Energy Service Provider) in this document refers to the supplier.

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... [2]



# 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 grayboxes below for State Rules.

<b>Notes:</b>	Recommended by UIG
<b>PA Use:</b>	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
<b>NJ Use:</b>	Same as PA
<b>Example:</b>	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

Ref. Des.	Data Element	Name	X12 Attributes
Must Use REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 12 Billing Account GDC assigned account number for end use customer.	M ID 2/3
Must Use REF02	127	Reference Identification Reference information as d Identification Qualifier for a particular Transaction Set or as specified by the reference	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 grayboxes.

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 meanings of existing codes. See graybox 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

# 814 General Request, Response or Confirmation X12 Structure

Functional Group ID=**GE**

## Heading

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1	
Must Use	020	BGN	Beginning Segment	M	1	
					LOOP ID - N1	>1
040	N1	Name	O	1		n1
060	N3	Address Information	O	2		
070	N4	Geographic Location	O	1		
080	PER	Administrative Communications Contact	O	>1		

## Detail

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
					LOOP ID - LIN	>1
010	LIN	Item Identification	O	1		
020	ASI	Action or Status Indicator	O	1		
030	REF	Reference Identification	O	>1		
040	DTM	Date/Time Reference	O	>1		
060	AMT	Monetary Amount	O	>1		
					LOOP ID - NM1	>1
080	NM1	Individual or Organizational Name	O	1		n2
130	REF	Reference Identification	O	>1		

## Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use	150	SE	Transaction Set Trailer	M	1	

### Transaction Set Notes:

- The N1 loop is used to identify the transaction sender and receiver.

## Data Dictionary for Gas 814 Enrollment

<b>Gas Supply (CE) Request and Response Data Dictionary</b>					
<b>Appl Field</b>	<b>Field Name</b>	<b>Description</b>	<b>EDI Segment</b>	<b>Loop / Related EDI Qualifier</b>	<b>Data Type</b>
1.	Transaction Set Purpose Code	Request = <b>13</b> Response = <b>11</b>	BGN01		X(2)
2.	Transaction Reference Number	A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.	BGN02		X(30)
3.	System Date	Date that the data was processed by the sender's application system.	BGN03		9(8)
4.	Original Transaction Reference Number	Transaction Reference Number echoed from the Original Request Transaction (BGN02).	BGN06		X(30)
5.	GDC Name	NGDC's Name	N102	N1: N101 = <b>8S</b>	X(60)
6.	GDC Duns	NGDC's DUNS Number or DUNS+4 Number	N104	N1: N101 = <b>8S</b> N103 = <b>1</b> or <b>9</b> N106 = <b>40</b> or <b>41</b>	X(13)
7.	ESP Name	ESP's Name	N102	N1: N101 = <b>SJ</b>	X(60)
8.	ESP Duns	ESP's DUNS Number or DUNS+4 Number	N104	N1: N101 = <b>SJ</b> N103 = <b>1</b> or <b>9</b> N106 = <b>40</b> or <b>41</b>	X(13)
9.	Customer Name	Customer Name as it appears on the Customer's Bill	N102	N1: N101 = <b>8R</b>	X(35)
10.	Customer Reference Number	A reference number assigned by and meaningful to the customer. An example would be Store number	N104	N1: N101 = <b>8R</b> N103 = <b>1</b> or <b>9</b>	X(30)
11.	Service Address	Customer Service Address	N301 & N302	N1: N101 = <b>8R</b>	X(55)
12.	City	Customer Service Address	N401	N1: N101 = <b>8R</b>	X(30)
13.	State	Customer Service Address	N402	N1: N101 = <b>8R</b>	X(2)
14.	Zip Code	Customer Service Address	N403	N1: N101 = <b>8R</b>	X(9)
15.	County	Customer Service County	N406	N101 = <b>8R</b> N405 = <b>CO</b>	X(30)
16.	Customer Contact Name	Customer Contact Name	PER02	N1: N101 = <b>8R</b> PER01 = <b>IC</b>	X(60)
17.	Customer Email address	Contact email address for the customer	PER04	N1: N101 = <b>8R</b> PER01 = <b>IC</b> PER03 = <b>FM</b>	X(80)

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18.	Customer Fax Number	Contact Fax Number for the customer	PER06	N1: N101 = <b>8R</b> PER01 = <b>IC</b> PER05 = <b>FX</b>	X(80)
19.	Customer Telephone Number	Contact Telephone Number for the customer	PER08	N1: N101 = <b>8R</b> PER01 = <b>IC</b> PER07 = <b>TE</b>	X(10)
20.	Customer Billing Name	Customer Name as it appears on the Customer's Bill	N102	N1: N101 = <b>BT</b>	X(35)
21.	Customer Billing Street Address	Customer Billing Address	N301 & N302	N1: N101 = <b>BT</b>	X(55)
22.	Billing City	Customer Billing Address	N401	N1: N101 = <b>BT</b>	X(30)
23.	Billing State	Customer Billing Address	N402	N1: N101 = <b>BT</b>	X(2)
24.	Billing Zip Code	Customer Billing Address	N403	N1: N101 = <b>BT</b>	X(9)
25.	Billing Country Code	Customer Billing Address	N404	N1: N101 = <b>BT</b>	X(3)
26.	Billing Contact Name	Billing Contact Name	PER02	N1: N101 = <b>BT</b> PER01= <b>IC</b>	X(60)
27.	Billing Email address	Billing email address for the customer	PER04	N1: N101 = <b>BT</b> PER01 = <b>IC</b> PER03 = <b>FM</b>	X(80)
28.	Billing Fax Number	Billing Fax Number for the customer	PER06	N1: N101 = <b>BT</b> PER01 = <b>IC</b> PER05 = <b>FX</b>	X(80)
29.	Billing Telephone #	Billing Telephone Number related to this billing address	PER08	N1: N101 = <b>BT</b> PER01 = <b>IC</b> PER07 = <b>TE</b>	X(10)
30.	Third Party Name for copies of notices	Name for Third Party to receive copies of notices	N102	N1: N101 = <b>PK</b>	X(35)
31.	Street Address	Address for Third Party to receive copies of notices	N301 & N302	N1: N101 = <b>PK</b>	X(55)
32.	City	Address for Third Party to receive copies of notices	N401	N1: N101 = <b>PK</b>	X(30)
33.	State	Address for Third Party to receive copies of notices	N402	N1: N101 = <b>PK</b>	X(2)
34.	Zip Code	Address for Third Party to receive copies of notices	N403	N1: N101 = <b>PK</b>	X(9)
35.	Country Code	Address for Third Party to receive copies of notices	N404	N1: N101 = <b>PK</b>	X(3)
36.	Third Party Contact Name	Third Party Contact Name	PER02	N1: N101 = <b>PK</b> PER: PER01= <b>IC</b>	X(30)
37.	Third Party Email address	Third Party email address for the customer	PER04	N1: N101 = <b>PK</b> PER01 = <b>IC</b> PER03 = <b>FM</b>	X(80)

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38.	Third Party Fax Number	Third Party Number for the customer	PER06	N1: N101 = <b>PK</b> PER01 = <b>IC</b> PER05 = <b>FX</b>	X(80)
39.	Third Party Telephone #	Third Party Telephone Number related to this billing address	PER08	N1: N101 = <b>PK</b> PER01 = <b>IC</b> PER07 = <b>TE</b>	X(10)
40.	Co-Participant Name for copies of notices	Name for Co-Participant to receive copies of notices	N102	N1: N101 = <b>2C</b>	X(35)
41.	Street Address	Address for Co-Participant to receive copies of notices	N301 & N302	N1: N101 = <b>2C</b>	X(55)
42.	City	Address for Co-Participant to receive copies of notices	N401	N1: N101 = <b>2C</b>	X(30)
43.	State	Address for Co-Participant to receive copies of notices	N402	N1: N101 = <b>2C</b>	X(2)
44.	Zip Code	Address for Co-Participant to receive copies of notices	N403	N1: N101 = <b>2C</b>	X(9)
45.	Country Code	Address for Co-Participant to receive copies of notices	N404	N1: N101 = <b>2C</b>	X(3)
46.	Co-Participant Contact Name	Co-Participant Contact Name	PER02	N1: N101 = <b>2C</b> PER: PER01= <b>IC</b>	X(30)
47.	Co-Participant Email address	Co-Participant email address for the customer	PER04	N1: N101 = <b>2C</b> PER01 = <b>IC</b> PER03 = <b>FM</b>	X(80)
48.	Co-Participant Fax Number	Co-Participant Number for the customer	PER06	N1: N101 = <b>2C</b> PER01 = <b>IC</b> PER05 = <b>FX</b>	X(80)
49.	Co-Participant Telephone #	Co-Participant Telephone Number related to this billing address	PER08	N1: N101 = <b>2C</b> PER01 = <b>IC</b> PER07 = <b>TE</b>	X(10)
50.	Line Item Transaction Reference Number	Unique Tracking Number for each line item in this transaction. This number must be unique over time.	LIN01		X(20)
51.	Gas Supply Indicator	Indicates a customer request to switch to the designated ESP with which he or she has signed a contract for Gas Supply.	LIN05 = <b>CE</b>	LIN02 = <b>SH</b> LIN03 = <b>GAS</b> LIN04 = <b>SH</b>	X(2)

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52.	Action Code	Indicates that the transaction is a request, or whether this transaction has been accepted or rejected.	ASI01= Request: <b>7</b> Accept Response: <b>WQ</b> Reject Response: <b>U</b>	LIN: ASI02= <b>021</b>	X(2)
<i>Note that the following REF segments may appear in any order on the actual EDI transaction.</i>					
53.	Rejection Reason Code	Code explaining reason for rejection.	REF02	LIN: REF01= <b>7G</b>	X(3)
54.	Rejection Reason Text	Text explaining rejection.	REF03	LIN: REF01= <b>7G</b>	X(80)
55.	ESP Account Number	ESP Customer Account Number	REF02	LIN: REF01= <b>11</b>	X(30)
56.	GDC Account Number	GDC Customer Account Number	REF02	LIN: REF01= <b>12</b>	X(30)
57.	Old Account Number	Previous GDC Customer Account Number	REF02	LIN: REF01= <b>45</b>	X(30)
58.	GDC Billing Cycle	GDC Cycle on which the bill will be rendered	REF02	LIN: REF01= <b>BF</b>	X(2)
59.	Billing Type	Indicates type of billing <ul style="list-style-type: none"> <li>• GDC consolidated Billing (REF02=LDC)</li> <li>• Dual bills (REF02=DUAL)</li> </ul>	REF02	LIN: REF01= <b>BLT</b>	X(4)
60.	Billing Calculation Method	Indicates party to calculate bill. <ul style="list-style-type: none"> <li>• GDC calculates bill (REF02=LDC)</li> <li>• - Each party calculates its portion of the bill (REF02=DUAL)</li> </ul>	REF02	LIN: REF01= <b>PC</b>	X(4)
61.	Customer Contract Effective Date/Time	Date/Time ESP entered into contract with customer – used to determine which supplier is the last one in. CCYYMMDD HHMM ZZ	DTM02, DTM03 & DTM04	LIN: DTM01 = <b>129</b>	See EDI Guide
62.	Service Period Start	Date on which energy is expected to flow to this customer for the designated ESP.	DTM02	LIN: DTM01 = <b>150</b>	9(8)
<i>Note that the following AMT segments may appear in any order on the actual EDI transaction.</i>					

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63.	Percent Tax Exemption	Customer's Tax Exemption Percentage – Residential usually 100% (send 1), Commercial/Industrial – anything other than 0% requires you secure tax exemption certificate. (e.g., if 50% send .5)	AMT02	LIN: AMT01= <b>DP</b>	9(1).9(4)
64.	Number of Months	Number of Months over which the Total Therms (AMT*TA)	AMT02	LIN: AMT01= <b>LD</b>	9(2)
65.	DCQ	GDC's DCQ for customer at time of enrollment	AMT02	LIN: AMT01= <b>MA</b>	9(11).999
66.	Total Therms	Total Therms for the number of months specified in the AMT*LD segment (actual or estimated).	AMT02	LIN: AMT01= <b>TA</b>	9(15)
67.	Meter Number	Number which identifies meter	Request: NM109= <b>ALL</b> Response: NM109= [ <i>meter number</i> ] or <b>UNMETER ED</b>	NM101= <b>MQ</b> NM102= <b>3</b> NM108= <b>32</b>	X(30)
<i>Note that the following REF segments may appear in any order on the actual EDI transaction.</i>					
68.	Rate Amount	ESP Rate for the customer displayed a a monetary amount.	REF02	NM1: REF01= <b>BN</b>	X30
69.	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	NM1: REF01= <b>DQ</b>	X30
70.	GDC Rate Code	Code indicating the rate a customer is being charged by GDC per tariff. Codes posted on GDC's Web site	REF02	NM1: REF01= <b>NH</b>	X(30)
71.	GDC Rate Subclass Code	Used to provide further classification of a rate.	REF02	NM1: REF01= <b>PR</b>	X(30)
72.	Type of Service	Used to provide choice of Capacity Release Option.	REF02	NM1: REF01= <b>PRT</b>	X(1)
73.	ESP Rate Code	ESP rate code for customer	REF02	NM1: REF01= <b>RB</b>	X(30)
74.	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	REF02	NM1: REF01= <b>SJ</b>	X(30)

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		usage. This value is a fixed billable unit in NJNG's Tariff.			
75.	GDC Meter Cycle	GDC Cycle on which the meter will be read	REF02	NM1: REF01= <b>TZ</b>	X(2)
76.	Meter Type	Type of Meter	REF02	NM1: REF01= <b>MT</b>	X(5)
<i>The following three fields each require that the Meter Type be shown in REF03:</i>					
77.	Meter Constant/Meter Multiplier	Some factor multiplied by the meter reading to give billed usage.	REF02	NM1: REF01= <b>4P</b> REF03 = Meter Type (See REF*MT)	9(9).99
78.	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	NM1: REF01= <b>IX</b> REF03 = Meter Type (See REF*MT)	9.9
79.	Type of metering used for billing	Indicates the type of metering information that will be sent on the 867 transaction.	REF02= <b>41</b> (on peak) or <b>42</b> (off peak) <b>43</b> (intermediate) or <b>51</b> (totalizer)	NM1: REF01 = <b>TU</b> REF03 = Meter Type (See REF*MT)	X(2)

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Data Dictionary for Historical Usage Requests (LIN05=HU)

<b><i>Request for Historical Usage (HU) Request and Response Data Dictionary</i></b>					
<b><i>Appl Field</i></b>	<b><i>Field Name</i></b>	<b><i>Description</i></b>	<b><i>EDI Segment</i></b>	<b><i>Loop / Related EDI Qualifier</i></b>	<b><i>Data Type</i></b>
1	Transaction Set Purpose Code	Request = <b>13</b> Response = <b>11</b>	BGN01		X(2)
2	Transaction Reference Number	A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.	BGN02		X(30)
3	System Date	Date that the data was processed by the sender's application system.	BGN03		9(8)
4	Original Transaction Reference Number	Transaction Reference Number echoed from the Original Request Transaction (BGN02).	BGN06		X(30)
5	GDC Name	NGDC's Name	N102	N1: N101 = <b>8S</b>	X(60)
6	GDC Duns	NGDC's DUNS Number or DUNS+4 Number	N104	N1: N101 = <b>8S</b> N103 = <b>1</b> or <b>9</b> N106 = <b>40</b> or <b>41</b>	X(13)
7	ESP Name	ESP's Name	N102	N1: N101 = <b>SJ</b>	X(60)
8	ESP Duns	ESP's DUNS Number or DUNS+4 Number	N104	N1: N101 = <b>SJ</b> N103 = <b>1</b> or <b>9</b> N106 = <b>40</b> or <b>41</b>	X(13)
9	Customer Name	Customer Name as it appears on the Customer's Bill	N102	N1: N101 = <b>8R</b>	X(35)  Note: X(60) for MD
10	Line Item Transaction Reference Number	Unique Tracking Number for each line item in this transaction. This number must be unique over time.	LIN01		X(20)
11	Historical Usage	Indicates an ESP request to obtain historical usage information for this customer. Historical Usage will be returned on an EDI 867 transaction.	LIN05 = <b>HU</b>	LIN02 = <b>SH</b> LIN03 = <b>GAS</b> LIN04 = <b>SH</b>	X(2)
12	Action Code	Indicates that the transaction is a request, or whether this transaction has been accepted or rejected.	ASI01= Request: <b>7</b> Accept Response: <b>WQ</b> Reject Response: <b>U</b>	LIN: ASI02= <b>029</b>	X(2)
13	Rejection Reason Code	Code explaining reason for rejection.	REF02	LIN: REF01= <b>7G</b>	X(3)

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14	Rejection Reason Text	Text explaining rejection.	REF03	LIN: REF01= <b>7G</b>	X(80)
15	Status Reason Code	Code to provide status information for a secondary service.	REF02	LIN: REF01= <b>1P</b>	X(3)
16	Status Reason Text	Text to provide status information.	REF03	LIN: REF01= <b>1P</b>	X(80)
17	ESP Account Number	ESP Customer Account Number	REF02	LIN: REF01= <b>11</b>	X(30)
18	GDC Account Number	GDC Customer Account Number	REF02	LIN: REF01= <b>12</b>	X(30)

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**Data Dictionary for Special Meter Read (LIN05=SR)**

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Deleted: *Appl Field* ... [4]

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**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:**

<b>NJ Use:</b>	Required
<b>Example:</b>	ST*814*000000001

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 814 General Request, Response or Confirmation	M ID 3/3
Must Use	ST02	329	<b>Transaction Set Control Number</b> 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

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

**Comments:**

<b>NJ Use:</b>	Required
<b>Request Example:</b>	BGN*13*199904011956531*19990401 (Note: BGN06 not used in the request.)
<b>Response Example:</b>	BGN*11*199904020830531*19990402***199904011956531 (Note: BGN06 is optional on the response.)

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	<b>BGN01</b>	<b>353</b>	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set	<b>M ID 2/2</b>
			11 Response Signifies that the requested service will be addressed as described in this transaction.	
			13 Request	
Must Use	<b>BGN02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>M AN 1/30</b>
			A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.	
Must Use	<b>BGN03</b>	<b>373</b>	<b>Date</b> Date (CCYYMMDD)	<b>M DT 8/8</b>
			The transaction creation date – the date that the data was processed by the sender’s application system.	
Optional	<b>BGN06</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>O AN 1/30</b>
			If used, refers to the BGN02 identification number of the original Request. Not used on the request. Optional on the response.	

**Segment:** **N1** Name (8S = GDC Name)  
**Position:** 040  
**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.

<b>NJ Use:</b>	Request: Required Accept Response: Required Reject Response: Required
<b>Request Example:</b>	N1*8S*GDC COMPANY*1*007909411**40 (as Receiver)
<b>Response Example:</b>	N1*8S*GDC COMPANY*1*007909411**41 (as Sender)

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual 8S Consumer Service Provider (CSP) GDC	M ID 2/3
Must Use N102	93	<b>Name</b> Free-form name GDC Company Name	X AN 1/60
Must Use N103	66	<b>Identification Code Qualifier</b> 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
Must Use N104	67	<b>Identification Code</b> Code identifying a party or other code GDC D-U-N-S Number or D-U-N-S + 4 Number	X AN 2/80
Must Use N106	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual. Used in addition to the N103 and N104 to identify the transaction sender and receiver when more than two parties are identified by N1 loops. 40 Receiver Entity to accept transmission 41 Submitter Entity transmitting transaction set	O ID 2/3

**Segment:** **N1** Name (SJ = ESP Name)  
**Position:** 040  
**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.

<b>NJ Use:</b>	Request: Required Accept Response: Required Reject Response: Required for response if provided in the request.
<b>Request Example:</b>	N1*SJ*ESP COMPANY*9*007909422ESP1**41 (as Sender)
<b>Response Example:</b>	N1*SJ*ESP COMPANY*9*007909422ESP1**40 (as Receiver)

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use N101	98	<b>Entity Identifier Code</b> Entity identifying an organizational entity, a physical location, property or an individual SJ Service Provider ESP	M ID 2/3
Must Use N102	93	<b>Name</b> Free-form name ESP Company Name	X AN 1/60
Must Use N103	66	<b>Identification Code Qualifier</b> 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
Must Use N104	67	<b>Identification Code</b> Code identifying a party or other code ESP D-U-N-S Number or D-U-N-S + 4 Number	X AN 2/80
Must Use N106	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual. Used in addition to the N103 and N104 to identify the transaction sender and receiver when more than two parties are identified by N1 loops. 40 Receiver Entity to accept transmission 41 Submitter Entity transmitting transaction set	O ID 2/3

**Segment:** **N1** Name (8R = Customer Service)  
**Position:** 040  
**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.

<b>NJ Use:</b>	Request: Required
	Accept Response: Required
	Reject Response: Required for response if provided in the request.
<b>Request Examples:</b>	N1*8R*CUSTOMER NAME
<b>Response Example:</b>	N1*8R*CUSTOMER NAME*92*1210 N1*8R*CUSTOMER NAME

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual 8R Consumer Service Provider (CSP) Customer Used to identify the customer associated with the GDC service account	M ID 2/3
Must Use	N102	93	<b>Name</b> Free-form name Customer Name as it appears in the sender's system.	X AN 1/60
Conditional	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent Reference Number assigned by and meaningful to the customer. Note that this number is assigned to the GDC and may or may not be applicable to the ESP. <b>Condition:</b> The N103 and N104 are optional only on the Accept Response transaction. This information is provided at the point of time in the enrollment; an 814 change will not be processed if this data changes.	X ID 1/2
Conditional	N104	67	<b>Identification Code</b> Code identifying a party or other code Reference Number assigned by and meaningful to the customer. Note that this number is assigned to the GDC and may or may not be applicable to the ESP. <b>Condition:</b> The N103 and N104 are optional only on the Accept Response transaction. This information is provided at the point of time in the enrollment; an 814 change will not be processed if this data changes. This information may also appear on a Rate Ready 810.	X AN 2/80



**Segment:** N3 Address Information  
**Position:** 060  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Required for Customer Service Address
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	N3*123 N MAIN ST*MS FLR13	

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
Optional	N302	166	Address Information	O AN 1/55
			Address Information	
			To be used in the event of an overflow from N301	

Segment: **N4** Geographic Location

- Position:** 070
- Loop:** N1 Optional
- Level:** Heading
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify the geographic place of the named party
- Syntax Notes:** 1 If N406 is present, then N405 is required.
- Semantic Notes:**
- Comments:**
  - 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
  - 2 N402 is required only if city name (N401) is in the U.S. or Canada.

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Required for Customer Service Address
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	N4*ANYTOWN*NJ*07017	
	N4*ANYTOWN*NJ*070171269	

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	N401	19	City Name Free-form text for city name	O AN 2/30
Must Use	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Must Use	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15

Segment: **PER** Administrative Communications Contact

**Position:** 080  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
  - 2 If either PER05 or PER06 is present, then the other is required.
  - 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Used to provide customer contact information
Request:	Not Used
CE Accept Response:	Must send for Service Address if maintained in the utility system
All other Accept Responses:	Not Used
Reject Response:	Not Used
<b>Examples:</b>	PER*IC**TE*8005559876 PER*IC*JOE DOE*TE*8005559876*FX*8005551111*EM*JOE@SERVICE.COM

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		IC Information Contact	
Optional	PER02	93 Name	O AN 1/60
		Free-form name	
Must Use	PER03	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		EM Electronic Mail	
		FX Facsimile	
		TE Telephone	
Must Use	PER04	364 Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
Optional	PER05	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		EM Electronic Mail	
		FX Facsimile	
		TE Telephone	
Optional	PER06	364 Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
Optional	PER07	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		EM Electronic Mail	
		FX Facsimile	
		TE Telephone	
Optional	PER08	364 Communication Number	X AN 1/80

**Segment:** **N1** Name (BT = Customer Bill to Name)  
**Position:** 040  
**Loop:** N1  
**Level:** Heading:  
**Usage:** Recommended  
**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.

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Recommend for Billing Address if different than Service Address. Not provided by New Jersey Natural Gas and PSE&G Not Used
	All other Accept Responses:	Not Used
	Reject Response:	
<b>Example:</b>	N1*BT*ACCOUNTS PAYABLE DIVISION	

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual BT Bill-to-Party	M ID 2/3
Must Use N102	93	<b>Name</b> Free-form name	X AN 1/60

Segment: **N3** Address Information

**Position:** 060  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Recommend for Billing Address if different than Service Address. Not provided by New Jersey Natural Gas and PSE&G
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	N3*123 N MAIN ST*MS FLR13	

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		<b>X12 Attributes</b>
	<b>Des.</b>	<b>Element</b>	<b>Name</b>	
Must Use	N301	166	<b>Address Information</b> Address information	M AN 1/55
Optional	N302	166	<b>Address Information</b> Address Information To be used in the event of an overflow from N301	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Recommend for Billing Address if different than Service Address. Not provided by New Jersey Natural Gas and PSE&G
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	N4*ANYTOWN*NJ*07017	
	N4*ANYTOWN*NJ*070171269*US	

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>X12 Attributes</b>
Must Use	<b>N401</b>	<b>19</b>	<b>City Name</b> Free-form text for city name	<b>O AN 2/30</b>
Conditional	<b>N402</b>	<b>156</b>	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	<b>O ID 2/2</b>
Must Use	<b>N403</b>	<b>116</b>	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	<b>O ID 3/15</b>
Optional	<b>N404</b>	<b>26</b>	<b>Country Code</b> Code identifying the country	<b>O ID 2/3</b>

**Segment:** **PER** Administrative Communications Contact  
**Position:** 080  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
  - 2 If either PER05 or PER06 is present, then the other is required.
  - 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Required for Billing Address if different than Service Address and maintained in utility's system.
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	PER*IC*ACCTS PAYABLE*TE*8005559876*FX*8005556789*EM*CUSTOMER@SERVICE.COM	

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named IC Information Contact	M ID 2/2
Optional	PER02	93	<b>Name</b> Free-form name	O AN 1/60
Must Use	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Must Use	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80

Segment: **N1** Name (PK = Party to Receive Copy) **Position:** 040  
**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.

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Optional for Party to Receive Copy of Notices (not bills) - New Jersey Natural Gas and PSE&G will not send this information Not Used
	All other Accept Responses:	Not Used
	Reject Response:	
<b>Example:</b>	N1*PK*ANN SMITH	

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual PK Party to Receive Copy Used to identify a third party that is to receive a copy of all notices (not bills) to the end use customer.	M ID 2/3
Must Use N102	93	<b>Name</b> Free-form name	X AN 1/60



**Segment:** N3 Address Information  
**Position:** 060  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Optional for Party to Receive Copy of Notices (not bills) New Jersey Natural Gas and PSE&G will not send this information.
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	N3*4251 S ELECTRIC ST*MS 25	

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/55
Optional	N302	166	Address Information Address information To be used in the event of an overflow from N301	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Optional for party to receive copy of notices (not bills) New Jersey Natural Gas and PSE&G will not send this information.
	All other Accept Responses:	
	Reject Response:	Not Used
		Not Used
<b>Examples:</b>	N4*ANYTOWN*NJ*07017 N4*ANYTOWN*NJ*070171269*US	

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>X12 Attributes</b>
Must Use	N401	19	<b>City Name</b> Free-form text for city name	O AN 2/30
Must Use	N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Must Use	N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
Optional	N404	26	<b>Country Code</b> Code identifying the country	O ID 2/3

**Segment:** **PER** Administrative Communications Contact  
**Position:** 080  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
  - 2 If either PER05 or PER06 is present, then the other is required.
  - 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Optional for Party to Receive Copy of Notices (not bills) - New Jersey Natural Gas and PSE&G does not maintain this information and will not send it.
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	PER*IC*ANN SMITH*TE*8005559876*FX*8005556789*EM*CUSTOMER@SERVICE.COM	

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named IC Information Contact	M ID 2/2
Optional	PER02	93	<b>Name</b> Free-form name	O AN 1/60
Must Use	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Must Use	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80

**Segment:** **N1** Name (2C = Co-Participant)  
**Position:** 040  
**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.

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Optional for Party to Receive Copy of Bills - New Jersey Natural Gas and PSE&G will not send this information.
	All other Accept Responses:	information.
	Reject Response:	Not Used
		Not Used
<b>Example:</b>	N1*2C*THOMAS SMITH	

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual 2C Co-Participant Used to identify a third party who shares responsibility for payment of the customer's bill. This party will receive copies of all bills, not notices.	M ID 2/3
Must Use N102	93	<b>Name</b> Free-form name	X AN 1/60

**Segment:** N3 Address Information  
**Position:** 060  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Optional for Party to Receive Copy of Bills - New Jersey Natural Gas and PSE&G will not send this information.
	All other Accept Responses:	information.
	Reject Response:	Not Used
		Not Used
<b>Example:</b>	N3*4251 S ELECTRIC ST*MS 25	

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	N301	166	<b>Address Information</b> Address information	M AN 1/55
Optional	N302	166	<b>Address Information</b> Address information To be used in the event of an overflow from N301	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Optional for Party to Receive Copy of Bills - New Jersey Natural Gas and PSE&G will not send this information.
	All other Accept Responses:	information.
	Reject Response:	Not Used
		Not Used
<b>Examples:</b>	N4*ANYTOWN*PA*07017 N4*ANYTOWN*PA*070171269*US	

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>	
Must Use	N401	19	<b>City Name</b>	O AN 2/30
			Free-form text for city name	
Must Use	N402	156	<b>State or Province Code</b>	O ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency	
Must Use	N403	116	<b>Postal Code</b>	O ID 3/15
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
Optional	N404	26	<b>Country Code</b>	O ID 2/3
			Code identifying the country	

**Segment:** **PER** Administrative Communications Contact  
**Position:** 080  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
  - 2 If either PER05 or PER06 is present, then the other is required.
  - 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Request: Not Used
	CE Accept Response: Optional for Party to Receive Copy of Bills - New Jersey Natural Gas and PSE&G will not send this information.
	All other Accept Responses: information.
	Reject Response: Not Used
	Not Used
<b>Example:</b>	PER*IC*THOMAS SMITH*TE*8005552878*FX*8005556789*EM*CUSTOMER@SERVICE.COM

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named IC Information Contact	M ID 2/2
Optional	PER02	93	<b>Name</b> Free-form name	O AN 1/60
Must Use	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Must Use	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
Optional	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
Optional	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80

**Segment:** **LIN** Item Identification

**Position:** 010

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify basic item identification data

**Syntax Notes:**

- 1 If either LIN04 or LIN05 is present, then the other is required.
- 2 If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 is present, then the other is required.

**Semantic Notes:**

- 1 LIN01 is the line item identification

**Comments:**

- 1 See the Data Dictionary for a complete list of IDs.
- 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

<b>UIG Notes:</b>	<p>The 3070 version of the 814 guideline allowed all services to be transmitted in one LIN segment. This was difficult to process and track. Version 4010 restricts the use of LIN03 to identify the product (electric vs. gas) and LIN05 to identify the service being requested. For example, <i>LIN*SH*EL*SH*CE</i> indicates that the product is electric and 'generation services' is the service being requested. Multiple LINs may be sent to request multiple services for one account.</p> <p>Other examples:   LIN*SH*EL*SH*HU\ requests historical usage of electric service                                  LIN*SH*GAS*SH*MI\ requests meter information on the gas service</p>						
<b>NJ Use:</b>	<table> <tr><td>Request:</td><td>Required</td></tr> <tr><td>Accept Response:</td><td>Required</td></tr> <tr><td>Reject Response:</td><td>Required if it was provided on the request.</td></tr> </table> <p><b>NJ Options</b></p> <p>The only valid codes in New Jersey are Enrollment (CE), Historical Usage (HU), and Special Meter Read (SR)</p>	Request:	Required	Accept Response:	Required	Reject Response:	Required if it was provided on the request.
Request:	Required						
Accept Response:	Required						
Reject Response:	Required if it was provided on the request.						



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**Examples:** LIN\*CE199912310800000001\*SH\*GAS\*SH\*CE (Generation Services)  
 LIN\*HU199912310800000002\*SH\*GAS\*SH\*HU (Historical Usage)  
 LIN\*MI199912310800000003\*SH\*GAS\*SH\*MI (Meter Information)  
 LIN\*SR199912310800000004\*SH\*GAS\*SH\*SR (Special Meter Read)  
 LIN\*SI199912310800000005\*SH\*GAS\*SH\*SI (Summary Interval)

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use LIN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set On the request, this is a unique tracking number for each line item (LIN) in this transaction. This number must be unique over all time. This number must be returned on the response transaction in the same element. This tracking number was provided in TN in Version 3070.	O AN 1/20
Must Use LIN02	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) SH Service Requested	M ID 2/2
Must Use LIN03	234	<b>Product/Service ID</b> Identifying number for a product or service EL Electric Service GAS Gas Service Identifies the product	M AN 1/48
Must Use LIN04	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) SH Service Requested	M ID 2/2

**Primary Service:** Primary Services include the following:  
Customer Enrollment (CE)

Primary services must be responded to with an Accept or a Reject at the LIN level. If the transaction *cannot* be processed in the application system (e.g. the enrollment fails due to missing or invalid data) the transaction must be Rejected (ASI01="U") and a Rejection Reason Code is provided in REF\*7G.

**Note:** In New Jersey, the only valid primary service is Customer Enrollment (CE). The Customer Enrollment code will be used to enroll a natural gas customer.

**Secondary Service:** Secondary Services include the following:  
Historical Usage (HU)

Secondary services must be responded to with an Accept or a Reject at the LIN level. However, the "rejection" is treated differently than primary services.

**Note:** In New Jersey, the only valid secondary service is Historical Usage (HU).

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Summary Interval (SI)

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Must Use

LIN05

234

Product/Service ID

M AN 1/48

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“Primary Service”

CE

Generation Services

Indicates this transaction relates to Customer Enrollment.

“Secondary Service”

HU

Historical Usage

Indicates an ESP request to obtain historical usage information for this customer. The usage data is returned on an EDI 867 in addition to the 814 Response

- If this service cannot be provided, the associated REF\*IP can be “HUU” or “HUR”

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**Segment:** **ASI** Action or Status Indicator  
**Position:** 020  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the action to be taken with the information provided or the status of the entity described

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

<b>Notes:</b>	Identifies the action to be taken or the status of a requested action for the service identified in the LIN segment. Status Reason Codes are conveyed in the REF segment (position 030) rather than in the ASI03, to allow for multiple status reasons.	
<b>NJ Use:</b>	Request:	Required
	Accept Response:	Required
	Reject Response:	Required
<b>Request Example:</b>	ASI*7*021	
<b>Response Examples:</b>	ASI*WQ*021	Accept Response
	ASI*U*021	Reject Response

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	ASI01	306	<b>Action Code</b> Code indicating type of action 7 Request U Reject WQ Accept	M ID 1/2
Must Use	ASI02	875	<b>Maintenance Type Code</b> Code identifying the specific type of item maintenance 021 Addition 029 Inquiry Used when requesting the following services: CE – Generation Services SR – Special Meter Read SI – Summary Information for Interval Account Use when requesting the following services: HU – Historical Usage MI – Meter Information	M ID 3/3

**Segment:** **REF** Reference Identification (7G = Reject Reason)  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

<b>Notes:</b>	This iteration of the REF segment is used to convey the rejection reason codes in response to a Request. The rejection reason codes are conveyed in this segment rather than in the ASI03 to allow for multiple rejection reasons.
<b>NJ Use:</b>	<p>If an GDC receives a request for a service that it does not support (whether the state supports it or not), the GDC should <b>accept</b> it, but then send a status code REF*1P*SNP*SERVICE NOT PROVIDED</p> <p>If an GDC receives a request for a service that the state supports, but the GDC does not, the GDC should <b>accept</b> it, but then send a status code REF*1P*SNP*SERVICE NOT PROVIDED</p> <p>Request: Not Used          Accept Response: Not Used          Reject Response: Required</p>
<b>Example:</b>	REF*7G*A13*ADDITIONAL REASON TEXT HERE

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		7G Data Quality Reject Reason	
		Reject reasons associated with a reject status notification.	

**Rules for Rejection Reason Codes**

The codes on the next several pages have been identified by the UIG to convey rejection reasons. Only the codes listed for each service are valid for that service. If you require additional codes, send an email to the appropriate state's listserver.

“A13” (Other) must **only** be used when an existing error code does not convey the reason correctly.

## Customer Enrollment (CE) Rejection Codes:

Must Use

REF02

127

Reference Identification

X

AN 1/30

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

008	Account exists but is not active
021	Move Pending
	Customer will be moving before the ESP would become active.
A13	Other
	REF03 Required.
A76	Account not found
	This includes invalid account numbers as well as no account number being found.
A77	Name specified does not match account
A91	Service is not offered at customer's location
	Used to indicate that this is a electric only account, no gas service exists on the account.
ABN	Duplicate request received
ACI	Action Code (ASI01) Invalid
ANE	Account Not Eligible
ANL	Service provider not licensed to provide requested service
ANV	Account Not Volunteered
API	Required information missing (REF03 Required)
B33	Customer name is missing from the request
CMP	Customer locked with ESP
	The customer has enrolled with another ESP and the rescission period has expired. The customer cannot be enrolled until the pending enrollment is complete.
CO2	Customer is on Credit Hold
	Valid in PSEG when consolidated bill requested for customer who has been switched to DUAL billing due to delinquencies when making the other party whole.
DIV	Date/Time Invalid or Missing
	Used to indicate any error in the Customer Contract Effective Date (DTM*129). This would indicate an invalid date, such as 2/30/2000.
FRB	Incorrect Billing Option (REF*BLT) Requested
FRC	Incorrect Bill Calculation Method (REF*PC) Requested
MDQ	Highest Month Average Daily (HMAD) (REF*DQ)
	is incorrect or missing for Customer, NJNG only
MSJ	Maximum Daily Quantity (MDQ) (REF*SJ)- is incorrect or missing for Customer, NJNG only
MTI	Maintenance Type Code (ASI02) Invalid
NLI	Not Last In
PII	Participating Interest Invalid (Percent Participation)
RCF	Rate Class Full
SDE	Service Does Not Exist
	NJ Rules: In NJ it is valid to use the REF*1P*SNP at this time.
TEI	Tax Exemption Percentage (AMT*DP) Invalid
	This is used to reject an invalid percentage, such as greater than 100%. It will not be used if the ESP tax exemption percentage is different than the GDC tax exemption percentage.
UND	Cannot identify ESP

W05 Requested Rate not found or not in effect on the requested date (Rate Ready Only).

Optional REF03 352 Description X AN 1/80

A free-form description to clarify the related data elements and their content Used to further describe the status reason code sent in REF02. Codes "A13" and "API" require text explanation in this element.

Historical Usage (HU) Rejection Codes:

Must Use REF02 127 Reference Identification X AN 1/30

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

- 008 Account exists but is not active
A13 Other
A76 Account not found
A77 Name specified does not match account
ABN Duplicate request received
ACI Action Code (ASI01) Invalid
ANL Service provider not licensed to provide requested service
API Required information missing (REF03 Required)
B33 Customer name is missing from the request
UND Cannot identify ESP
SSR Secondary Service Rejected

Optional REF03 352 Description X AN 1/80

A free-form description to clarify the related data elements and their content Used to further describe the status reason code sent in REF02. Codes "A13" and "API" require text explanation in this element.

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

**Comments:**

<b>Notes:</b>	<p>This iteration of the REF segment is used primarily to convey status reason codes in response to a Request. The status reason codes are conveyed in this segment rather than in the ASI03 to allow for multiple status reasons.</p> <p>A Status Reason code is different than a Rejection Reason code in that it is used to give additional information to the receiving party (an FYI). For example, if a request for Historical Usage is sent and the transaction is valid, but historical usage is not available for that customer, the transaction is accepted and a status reason code is provided to explain that the historical usage would not be sent. Generally, if a transaction is rejected, the sender is expected to follow up and resubmit; whereas if a transaction is accepted with a status reason code, the sender is not expected to take any further action.</p>
<b>NJ Use:</b>	<p>Request: Not Used                  Accept Response: Required when status information must be conveyed.                  Reject Response: Required when status information must be conveyed.</p>
<b>Example:</b>	<p>REF*1P*A13*ADDITIONAL REASON TEXT HERE                  REF*1P*HUU*HISTORICAL USAGE UNAVAILABLE                  REF*1P*HUR*HISTORICAL USAGE NOT RELEASED</p>

**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	M ID 2/3
		Code qualifying the Reference Identification	
		1P Accessorial Status Code	
		Used in the instance where the 814 Request is accepted, but additional status information must be provided; e.g. code W09, special off-cycle meter read cannot be performed.	

## Rules for Status Reason Codes

The codes on the next several pages have been identified by the UIG to convey status reasons. Only the codes listed for each service are valid for that service. If you require additional codes, send an email to the appropriate state's listserver.

"A13" (Other) must **only** be used when an existing error code does not convey the reason correctly.

### Customer Enrollment (CE) Status Codes:

Must Use	<b>REF02</b>	<b>127</b>	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			A13 Other		
			B30 REF03 Required.		
			Currently Enrolled		
			Used to indicate that the customer is already enrolled with the ESP that is requesting enrollment. The transaction is treated as an inquiry.		
Optional	<b>REF03</b>	<b>352</b>	<b>Description</b>	<b>X</b>	<b>AN 1/80</b>
			A free-form description to clarify the related data elements and their content		
			Used to further describe the status reason code sent in REF02. Code "A13" requires a text explanation in this element.		

### Historical Usage (HU) Status Codes:

Must Use	<b>REF02</b>	<b>127</b>	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			A13 Other		
			HUR REF03 Required.		
			Historical Usage Not Released		
			HUU Historical Usage Unavailable		
			SNP Service Not Provided		
Optional	<b>REF03</b>	<b>352</b>	<b>Description</b>	<b>X</b>	<b>AN 1/80</b>
			A free-form description to clarify the related data elements and their content		
			Used to further describe the status reason code sent in REF02. Code "A13" requires a text explanation in this element.		

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- Deleted: Special Meter Read (SR)  
Status Codes ... [12]
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- Deleted: Optional ... [13]
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- Deleted: Summary Interval (SI)  
Status Codes ... [14]
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**Segment:** **REF** Reference Identification (11 = ESP Account Number)  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

<b>NJ Use:</b>	Request: Optional
	Accept Response: Required if it was provided on the request
	Reject Response: Required if it was provided on the request
	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.
<b>Example:</b>	REF*11*2348400586

**Data Element Summary**

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

**Segment:** **REF** Reference Identification (12 = GDC Account Number)  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

**NJ 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 – when the rejection reason is due to a GDC account number not being provided in the request, this segment must not be sent on the response.

**Example:** REF\*12\*2931839200

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>X12 Attributes</b>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 12 Billing Account	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> 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 (45 = GDC Old Account Number)  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	Accept Response:	Required if the account number has changed in the last 60 days.
	Reject Response:	Not Used
<b>Example:</b>	REF*45*1105687500	

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 45 Old Account Number GDC's previous account number for the end use customer.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> 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 (BF = GDC Billing Cycle)  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Required
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	REF*BF*15	

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BF Billing Center Identification GDC Billing cycle. Cycle number when the billing will be rendered.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> 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 (BLT = Billing Type)  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

<b>NJ Use:</b>	CE Request:	Required
	CE Accept Response:	Required
	CE Reject Response:	Return on the response if it was provided on the request
	All other Requests:	Not Used
	All other Accept Responses:	Not Used
	All other Reject Responses:	Not Used

**Example:** REF\*BLT\*LDC

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use <b>REF01</b>	<b>128</b>	<b>Reference Identification Qualifier</b> 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.	<b>M ID 2/3</b>
Must Use <b>REF02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Valid codes are utility-specific.	<b>X AN 1/30</b>



**Segment:** **REF** Reference Identification (PC = Calculates Charges)  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

<b>NJ Use:</b>	CE Request:	Required
	CE Accept Response:	Required
	CE Reject Response:	Return on the response if it was provided on the request
	All other Requests:	Not Used
	All other Accept Responses:	Not Used
	All other Reject Responses:	Not Used
<b>Example:</b>	REF*PC*LDC	

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		PC Production Code	
		Identifies the party that is to calculate the charges on the bill.	
Must Use	REF02	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		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)	

IF ...			THEN...	
Bills the Customer	Calculates		Billing Party	Calc. Party
	GDC Portion	ESP Portion	REF*BLT	REF*PC
GDC	GDC	GDC	LDC	LDC
GDC	GDC	ESP	LDC	DUAL
ESP	GDC	ESP	ESP	DUAL
DUAL	GDC	ESP	DUAL	DUAL

**Be careful to use the UIG Standard Code Values LDC and ESP rather than the New Jersey versions of those codes.**

**Segment:** **DTM** Date/Time Reference (129 = Customer Contract Effective)  
**Position:** 040  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**

**Comments:**

<b>Notes:</b>	To specify a time zone (DTM04), both DTM03 and DTM04 must be present.	
<b>NJ Use:</b>	CE Request:	Required
	CE Accept Response:	Required as provided on the request.
	All other Accept Responses:	Not Used
	Reject Response:	Returned on the response if provided on the request
<b>Example:</b>	DTM*129*19990411*1430*ET	

**Data Element Summary**

Ref.	Data	Name	X12 Attributes
<u>Des.</u>	<u>Element</u>	<u>Date/Time Qualifier</u>	<u>M ID 3/3</u>
Must Use	<b>DTM01</b>	<b>374</b> Date/Time Qualifier Code specifying type of date or time, or both date and time 129 Customer Contract Effective The date/time the customer agreed to obtain service from the Service Provider.	<b>X DT 8/8</b>
Must Use	<b>DTM02</b>	<b>373</b> Date Date expressed as CCYYMMDD	<b>X DT 8/8</b>
Must Use	<b>DTM03</b>	<b>337</b> 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	<b>X TM 4/8</b>
Must Use	<b>DTM04</b>	<b>623</b> Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow  ET Eastern Time	<b>O ID 2/2</b>

**Segment:** **DTM** Date/Time Reference (150 = Service Period Start)  
**Position:** 040  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**

**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Required
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	DTM*150*19990115	

**Data Element Summary**

Ref.	Data Element	Name	X12 Attributes
Must Use	<b>DTM01</b>	<b>374 Date/Time Qualifier</b>	<b>M ID 3/3</b>
		Code specifying type of date or time, or both date and time	
		150 Service Period Start	
		The date which gas is expected to flow for this customer for the ESP.	
Must Use	<b>DTM02</b>	<b>373 Date</b>	<b>X DT 8/8</b>
		Date expressed as CCYYMMDD	

**Segment:** **DTM** Date/Time Reference (MRR = Special Meter Read Date)  
**Position:** 040  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**

**Comments:**

<b>NJ Use:</b>	SR Request:	Required
	SR Accept Response:	Required if Special Meter Read will be performed
	SR Reject Response	Return on the response if it was provided on the request
	All other Requests:	Not Used
	All other Accept Responses:	Not Used
	All other Reject Responses:	Not Used
<b>Example:</b>	DTM*MRR*20000115	

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		MRR Special Meter Read Date	
		Date that the ESP would like to have the meter read and the customer switched to their service.	
Must Use	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
Optional	DTM03	337 Time	X TM 4/8
		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	
Optional	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		ET Eastern Time	

**Segment:** **AMT** Monetary Amount (DP = Tax Exemption)  
**Position:** 060  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

<b>PA Use:</b>	This field is used for the sending party to tell the receiving party the tax exemption amount that should be entered into the receiving party's system in order to calculate a bill on the sender's behalf. This is required only for rate-ready GDC Consolidated billing where the GDC has loaded the ESP rates into their system, the GDC calculates the ESP charges, and places the ESP charges on the GDC bill A tax exemption certificate must be secured from the customer.
<b>CE Request:</b>	Required if GDC is calculating the ESP portion of the bill <b>Note:</b> Since the rate must include taxes, ESP should always set this to 100% tax exempt in NJ.
<b>Accept Response:</b>	Not Used
<b>CE Reject Response:</b>	Return on response if it was provided on the request
<b>All other Reject Responses:</b>	Not Used
<b>Examples:</b>	AMT*DP*.75 AMT*DP*.7599

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use AMT01	522	<b>Amount Qualifier Code</b> Code to qualify amount DP Exemption Tax Exemption: This code is used when a portion of the provided service is exempt from taxation. Element AMT02 identifies the percentage of the service that is tax exempt.	M ID 1/3
Must Use AMT02	782	<b>Monetary Amount</b> Monetary amount For percentage values, the whole number "1" represents 100 percent; decimal numbers less than "1" represent percentages from 1 percent to 99.9999 percent.	M R 1/18

**Segment:** **AMT** Monetary Amount (LD = Number of Months included in Total Thems)  
**Position:** 060  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Optional
		Not Used
	All other Accept Responses:	Not Used
	Reject Response:	
<b>Example:</b>	AMT*LD*12	

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use	AMT01	522 Amount Qualifier Code	M ID 1/3
		Code to qualify amount	
		LD Incremental	
		Number of Months over which the Total Thems (AMT*TA)	
Must Use	AMT02	782 Monetary Amount	M R 1/18
		Monetary amount	
		Number of Months	
		Discussion needed as to disposition of the segment after 867 discussion	

**Segment:** **AMT** Monetary Amount (MA= DCQ)  
**Position:** 060  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Optional PSE&G will provide this value for accounts with 14 months of usage history available and/or do not require manual calculation else will provide "zero".
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	AMT*MA*12345678.999	

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	AMT01	522	<b>Amount Qualifier Code</b> Code to qualify amount MA Maximum Amount GDC's DCQ for customer at time of enrollment	M ID 1/3
Must Use	AMT02	782	<b>Monetary Amount</b> Monetary amount	M R 1/18

**Segment:** **AMT** Monetary Amount (TA = Total Therms)

**Position:** 060

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To indicate the total monetary amount

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Optional
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	AMT*TA*12345678.912	

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use	AMT01	522 Amount Qualifier Code	M ID 1/3
		Code to qualify amount	
		TA Total Annual Sales	
		Total Therms for (AMT*LD) period	
Must Use	AMT02	782 Monetary Amount	M R 1/18
		Monetary amount	
		Total Therms	
		Discussion needed as to disposition of the segment after 867 discussion	



**Segment:** **NM1** Individual or Organizational Name (Meter Number)  
**Position:** 080  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To supply the full name of an individual or organizational entity  
**Syntax Notes:** 1 If either NM108 or NM109 is present, then the other is required.  
 2 If NM111 is present, then NM110 is required.  
**Semantic Notes:** 1 NM102 qualifies NM103.  
**Comments:** 1 NM110 and NM111 further define the type of entity in NM101.

<b>Notes:</b>	This loop is used to convey meter level information.	
<b>NJ Use:</b>	CE Request:	Required if enrolling GDC Rate Ready (NM109 <b>may be meter number, ALL, or unmetered</b> ) South Jersey Gas will only accept NM109=ALL
	All other Requests:	Not Used
	CE Accept Response:	Required (NM109= <b>ALL</b> is not valid on the Response transaction; NM109 must equal meter numbers or unmetered)
	All other Accept Responses:	Not Used
	Reject Response:	Return on the response if it was provided in the request.
<b>Examples:</b>	NM1*MQ*3*****32*1234568MG NM1*MQ*3*****32*UNMETERED NM1*MQ*3*****32*ALL	

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>X12 Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	NM101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual MQ Meter Location	M ID 2/3
Must Use	NM102	1065	<b>Entity Type Qualifier</b> Code qualifying the type of entity 3 Unknown	M ID 1/1
Must Use	NM108	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 32 Assigned by Property Operator Meter Number	X ID 1/2
Must Use	NM109	67	<b>Identification Code</b> Code identifying a party or other code Meter Number UNMETERED – for Unmetered Services on the Response transaction ALL – for ALL meters on the Request transaction	X AN 2/80

**Segment:** **REF** Reference Identification (BN = Rate Amount)

- Position:** 130
- Loop:** NM1 Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** >1
- Purpose:** To specify identifying information
- Syntax Notes:**
  - 1 At least one of REF02 or REF03 is required.
  - 2 If either C04003 or C04004 is present, then the other is required.
  - 3 If either C04005 or C04006 is present, then the other is required.
- Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**NJ Use:** Request: Required For New Jersey Natural Gas if the GDC is calculating the ESP charges (Rate Ready)

CE Accept Response: Required for each meter type for each meter that is used for billing purposes that has dials. This segment will **not** be provided in the NM1 loop for UNMETERED services.  
 Not Used  
 Not Used

All other Accept Responses:  
 Reject Response:

**Examples:** REF\*BN\*0.12345  
 REF\*BN\*10.00001

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BN Booking Number Rate Amount ESP Rate for the customer displayed as monetary amount.	M ID 2/3
Must Use REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Monetary Amount in format of max. 2 digits to left of the decimal point, and of max. 5 digits to the right of decimal point.  Example for 3.5 cents per therm REF*BN*0.035 Example for 4.5 dollars per therm REF*BN*4.50	X AN 1/30

**Segment:** **REF** Reference Identification (DQ = Highest Month Average Daily (HMAD))

**Position:** 130

**Loop:** NM1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

**Syntax Notes:**

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

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

**Comments:**

<b>NJ Use:</b>	Used by New Jersey Natural Gas Only		
<b>Request:</b>	Required for New Jersey Natural Gas Only if ESP is requesting CTB Transportation service option (see REF*NH), not used for options RT or SCR.		
	NJNG will validate value and reject enrollment request if value does is not correct. Correct value for customer is available on 867HU or from customer		
<b>CE Accept Response:</b>	Not Used		
<b>All other Accept Responses:</b>	Not Used		
<b>Reject Response:</b>	Required if reason for rejection		
<b>Example:</b>	REF*DQ*10.9		

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> 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
Must Use	REF02	127	<b>Reference Identification</b> 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 = GDC rate class)  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>NJ Use:</b>	Request:	Required for New Jersey Natural Gas on request only Transportation Service Type The transportation service selected, by the supplier for the customer, translates to different billing parameters, nominations/gas balancing settlement issues and operational requirements on the customers equipment. Valid values: SCR CTB RT – residential only (Other transportation service options may be available but not through the EDI process see “Electronic Data Exchange and Protocol Process Flows for Gas Deregulation in The State of New Jersey:” or other documents for additional information.
	CE Accept Response:	Required for each meter that is used for billing purposes. This segment must also be sent when account has UNMETERED services available for generation service.
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>		
		REF*NH*RS1 (CE Accept Response) REF*NH*SCR (Request)

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01 128	Reference Identification Qualifier Code qualifying the Reference Identification NH Rate Card Number Identifies a GDC rate class or tariff	M ID 2/3
Must Use	REF02 127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

**Segment:** **REF** Reference Identification (PR = GDC Rate Subclass)  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>NJ Use:</b>	Request:	Required for New Jersey Natural Gas only, for selecting Temperature Sensitive Delivery (TSD) This is a transportation service designed to provide a closer link of Supplier city gate requirements (daily nominations) relative to the customer's monthly usage. (Selection of this option directly effects the method by which NJNG computes a Suppliers delivery requirements) Valid value: Y - Yes N - No
	CE Accept Response:	Conditional: If maintained by utility, must be sent for each meter that is used for billing purposes. This segment must also be sent when account has UNMETERED services available for generation service.
	All other Accept Responses:	New Jersey Natural Gas only will echo on response
	Reject Response:	Not Used
		Not Used
<b>Example:</b>	REF*PR*123 (CE Accept Response) REF*PR*Y (Request)	

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use <b>REF01</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification PR Price Quote Number GDC Rate Subclass – Used to provide further classification of a rate.	<b>M ID 2/3</b>
Must Use <b>REF02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X AN 1/30</b>

**Segment:** **REF** Reference Identification (PRT = Type of Service)

- Position:** 130
- Loop:** NM1 Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** >1
- Purpose:** To specify identifying information
- Syntax Notes:**
  - 1 At least one of REF02 or REF03 is required.
  - 2 If either C04003 or C04004 is present, then the other is required.
  - 3 If either C04005 or C04006 is present, then the other is required.
- Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>NJ Use:</b>	Request:	Required for New Jersey Natural Gas only Capacity Release Options  This is an option a supplier may select to enroll a customer/meter which will prompt NJNG to release pipeline capacity, on a monthly basis, for Supplier use on behalf of the customer. The supplier may nominate the quantity of gas to NJNG's city gate or another utility if they choose.  Valid values: Y= YES N= NO  CE Accept Response: Not Used New Jersey Natural Gas only will echo on response  All other Accept Responses: Not Used Reject Response: Not Used
<b>Example:</b>	REF*PRT*Y REF*PRT*N	

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>X12 Attributes</b>
Must Use	<b>REF01</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification PRT Product Type Type of Service – Used to provide choice of Capacity Release Option.	<b>M ID 2/3</b>
Must Use	<b>REF02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X AN 1/30</b>

**Segment:** **REF** Reference Identification (RB = ESP Rate Code)  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**

**NJ Use:** Required by NJNG only if GDC Rate Ready billing option is selected for customer. Allows a supplier to choose between three calculation methods to derive a customer's total bill. The actual rate used in the calculation is provided at the meter level using segment REF\*BN.

**Valid calculation values and description:**

1 - % discount, A percentage discount off what the customer would have been billed at NJNG's Non-Transportation rates.

4 - per therm rate. A commodity rate applied to customers metered consumption

5 - rebundled flat rate or Burner tip price. A straight per therm rate relative to the customers metered consumption, which is inclusive of all fixed charges.

In the case of a multi-metered account a supplier must apply the same option value (1,4 or 5) to each meter, however they could have a different rate per meter (REF\*BN). In other words, meter 1 could not be opt( 5)and meter 2 option (4), however, meter 1 could be opt (5) rate 0.345 and meter 2 could be opt (5) and rate .456.

CE Request: Required by NJNG only if GDC Rate Ready billing option is selected for customer.

All other Requests: Not Used

CE Accept Response: Required if the GDC is calculating the ESP charges (Rate Ready). This segment must also be sent when account has UNMETERED services available for generation service (Rate Ready).

All other Accept Responses: Not Used

Reject Response: Return on response if it was provided on the request

**Example:** REF\*RB\*A29

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		RB Rate code number	
		ESP Rate Code for the customer	
Must Use	REF02	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **REF** Reference Identification (SJ = Maximum Daily Quantity (MDQ))

- Position:** 130
- Loop:** NM1 Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** >1
- Purpose:** To specify identifying information
- Syntax Notes:**
  - 1 At least one of REF02 or REF03 is required.
  - 2 If either C04003 or C04004 is present, then the other is required.
  - 3 If either C04005 or C04006 is present, then the other is required.
- Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>NJ Use:</b>	Used by New Jersey Natural Gas Only
<b>Request:</b>	<p>Required for New Jersey Natural Gas Only if ESP is requesting CTB Transportation service option (see REF*NH), not used for options RT or SCR.</p> <p>NJNG will validate value and reject enrollment request if value does is not correct. Correct value for customer is available on 867HU or from customer</p> <p>The two values (MDQ/HMAD) are used to derive the other fixed billable unit (Maximum Daily Balance Quantity) <b>(MDB):</b> This is the maximum quantity of gas balanced, by NJNG, for a customer/meter on a daily basis. NJNG does is not required to send MDB as it is calculated as follows <b>(MDQ less HMAD = MDB)</b></p>
<b>CE Accept Response:</b>	Not Used
<b>All other Accept Responses:</b>	Not Used
<b>Reject Response:</b>	Required if reason for rejection
<b>Example:</b>	REF*SJ*10.9

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use <b>REF01</b>	<b>128</b>	<b>Reference Identification Qualifier</b> 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 NJNGs Tariff.	<b>M ID 2/3</b>
Must Use <b>REF02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X AN 1/30</b>



**Segment:** **REF** Reference Identification (TZ = GDC Meter Read Cycle)  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

<b>NJ Use:</b>	Request:	Not Used
	CE Accept Response:	Required for each meter that is used for billing purposes. This segment is optional in the NM1 Loop for UNMETERED services.
	All other Accept Responses:	Not Used
	Reject Response:	Not Used
<b>Example:</b>	REF*TZ*15	

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	<b>REF01</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification TZ Total Cycle Number GDC Meter Cycle. Cycle number when the meter will be read.	<b>M ID 2/3</b>
Must Use	<b>REF02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X AN 1/30</b>

**Segment:** **REF** Reference Identification (MT = Meter Type)

**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1

**Purpose:** To specify identifying information

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

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

**Comments:**

**NJ Use:** There will be only be one REF\*MT segment for each NM1 loop.

Request: Not Used  
 CE Accept Response: Required for each meter that is used for billing purposes. This segment will not be provided in the NM1 loop for UNMETERED services.

All other Accept Responses: Not Used

Reject Response: Not Used

**Example:** REF\*MT\*HHMON

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128 Reference Identification Qualifier Code qualifying the Reference Identification MT Meter Ticket Number Meter Type	M ID 2/3
Must Use	REF02	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is MT, the meter type is expressed as a five-character field. The first two characters are the type of consumption, the last three characters are the metering interval.	X AN 1/30
		<b>Type of Consumption</b>	<b>Metering Interval</b>
		HH Hundred Cubic Feet	MON Monthly
		TZ Thousand Cubic Feet	

**For Example:**

HHMON	Hundred Cubic Feet Per Month
TZMON	Thousand Cubic Feet per 15 minute interval

**Segment:** **REF** Reference Identification (4P = Meter Constant (Meter Multiplier))  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

<b>NJ Use:</b>	There will be one REF*4P segment for each Meter Type. This means that there may be more than one REF*4P segment per meter.
Request:	Not Used
CE Accept Response:	Required for each meter type for each meter that is used for billing purposes. This segment will <b>not</b> be provided in the NM1 loop for UNMETERED services.
All other Accept Responses:	Not Used
Reject Response:	Not Used
<b>Example:</b>	REF*4P*10*HHMON REF*4P*100*TZMON

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>X12 Attributes</b>
Must Use	<b>REF01</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 4P Affiliation Number Meter Constant (Meter Multiplier) (Ending Reading – Beginning Reading) * Meter Multiplier = Billed Usage	<b>M ID 2/3</b>
Must Use	<b>REF02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X AN 1/30</b>
Must Use	<b>REF03</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content Meter Type (see REF*MT for valid codes). “	<b>X AN 1/80</b>

**Segment:** **REF** Reference Identification (IX = Number of Dials)  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

<b>NJ Use:</b>	There will be one REF*IX segment for each Meter Type. This means that there may be more than one REF*IX segment per meter.
Request:	Not Used
CE Accept Response:	Required for each meter type for each meter that is used for billing purposes that has dials. This segment will <b>not</b> be provided in the NM1 loop for UNMETERED services.
All other Accept Responses:	Not Used
Reject Response:	Not Used
<b>Examples:</b>	REF*IX*6.0*HHMON REF*IX*5.1*TZMON REF*IX*4.2*HH015

**Data Element Summary**

Ref. Des.	Data Element	Name	X12 Attributes
Must Use <b>REF01</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification IX Item 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.	<b>M ID 2/3</b>
Must Use <b>REF02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X AN 1/30</b>
Must Use <b>REF03</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content Meter Type (see REF*MT for valid codes).	<b>X AN 1/80</b>

# Dials	Positions to left of decimal	Positions to right of decimal	X12 Example
6	6	0	REF*IX*6.0
6	5	1	REF*IX*5.1
6	4	2	REF*IX*4.2

**Segment:** **REF** Reference Identification (TU = Type of metering information)  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>NJ Use:</b>	There will be one REF* <b>TU</b> segment for each Time Of Use reading (for each meter type for each meter) that will be provided on the 867.
Request:	Not Used
CE Accept Response:	Required for each meter type for each non-interval meter that is used for billing purposes. This segment is provided for UNMETERED services and reflects the type of usage that is reported on the 867.
All other Accept Responses:	Not Used
Reject Response:	Not Used
<b>Example:</b>	REF* <b>TU</b> *41* <b>TZMON</b> REF* <b>TU</b> *42* <b>TZMON</b> REF* <b>TU</b> *51* <b>TZMON</b>

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification TU Trial Location Code Used to indicate the type of metering information that will be sent on the 867 transaction.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier 41 Off Peak 42 On Peak 43 Intermediate 51 Totalizer	X AN 1/30
Must Use	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content Meter Type (see REF* <b>MT</b> for valid codes).	X AN 1/80

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

**Syntax Notes:**

**Semantic Notes:**

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

<b>NJ Use:</b>	Required
<b>Example:</b>	SE*28*00000001

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	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	

# EXAMPLES

## Example: Enrollment Request for Generation Services

**Rate Ready:** Request is for Customer Enrollment only

BGN*13*199904011956531*19990401	Request, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, enrollment request for gas Customer Enrollment
ASI*7*021	Request for addition
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
<b>REF*BLT*LDC</b>	GDC consolidates the GDC and ESP charges
REF*PC*LDC	GDC calculates ESP charges (Rate Ready)
DTM*129*19990401*1430*ET	Date/time/time zone customer agreed to obtain service from the Service Provider
AMT*DP*1	Tax Exemption Percent
NM1*MQ*3*****32*ALL	Beginning of Meter Loop for Rate Ready
REF*RB*0300	ESP Rate code

**Bill Ready:** Request is for Customer Enrollment only

BGN*13*199904011956531*19990401	Request, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, enrollment request for gas Customer Enrollment
ASI*7*021	Request for addition
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
<b>REF*BLT*LDC</b>	GDC consolidates the GDC and ESP charges
REF*PC*DUAL	Each party calculates its own charges (Bill Ready)
DTM*129*19990401*1430*ET	Date/time/time zone customer agreed to obtain service from the Service Provider

**Dual Billing:** Request is for Customer Enrollment only

BGN*13*199904011956566*19990401	Request, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, enrollment request for gas Customer Enrollment
ASI*7*021	Request for addition
REF*11*2348400590	ESP Account Number
<b>REF*12*293839201</b>	GDC Account Number
<b>REF*BLT*DUAL</b>	Each party renders their own bill
REF*PC*DUAL	Each party calculates their own charges)
DTM*129*19990401*1430*ET	Date/time/time zone customer agreed to obtain service from the Service Provider

**Example: CE Enrollment Response – Enrollment Accepted**

**Rate Ready:**

Request is for Customer Enrollment only. Account has 2 meters. Meter 123857G measures ccf, Meter 218737S measures ccf (totalized only).

BGN*11*199904020830531*19990402***199904011956531	Response, unique transaction identification number, transaction creation date and original request transaction identification number
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME*92*1210	Customer Name and reference number
N3*123 N MAIN ST*FLR 13	Service address
N4*ANYTOWN*PA*18111**CO*LEHIGH	City/State/Zip and County for Service Address.
PER*IC*MARY JONES*TE*8005559876	Customer Contact name and telephone number
N1*BT*ACCOUNTS PAYABLE DEPT	Bill to party
N3*100 WEST AVENUE	Bill to address
N4*ANYTOWN*PA*18111	Bill to City/State/Zip
PER*IC*KELLY WEST*TE*8005559876	Bill To Contact name and telephone number
N1*PK*FRANK SMITH	Party to Receive Copy Name
N3*459 AVENUE B	Party to Receive Copy Address
N4*ANYTOWN*PA*18111	Party to Receive Copy City/State/Zip
PER*IC*FRANK SMITH*TE*8005559876	Party to Receive Copy Name
N1*2C*CAROL WRIGHT	Co-Participant Name
N3*23948 MAIN STREET	Co-Participant Address
N4*ANYTOWN*PA*18111	Co-Participant City/State/Zip
PER*IC*CAROL WRIGHT*TE*8005559876	Co-Participant Name and telephone number
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, enrollment request for gas Customer Enrollment
ASI*WQ*021	Accept Enrollment request
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
REF*BF*18	GDC Billing Cycle
<b>REF*BLT*LDC</b>	GDC consolidates the GDC and ESP charges
REF*PC*LDC	GDC calculates ESP charges
DTM*129*19990401*1430*ET	Date/time/time zone customer agreed to obtain service from the Service Provider



DTM*150*19990425	Estimated Start date
AMT*LD*12	Number of months over which the total ccf are calculated
AMT*MA*50	DQC
AMT*TA*125500	Total Therms
NM1*MQ*3*****32*123857G	Meter number
REF*NH*GS1	GDC Rate class
REF*PR*123	GDC Rate Subclass
REF*RB*0300	ESP Rate Code
REF*TZ*18	GDC Meter Cycle
<b>REF*MT*HHMON</b>	Meter Type
<b>REF*4P*1*HHMON</b>	Meter constant on the ccf register
<b>REF*IX*6.1*HHMON</b>	Number of dials/digits
<b>REF*TU*51*HHMON</b>	Totalized metering information sent on the 867
NM1*MQ*3*****32*218737S	Meter Number
REF*NH*GS1	GDC Rate class
REF*PR*123	GDC Rate Subclass
REF*RB*0300	ESP Rate Code
REF*TZ*18	GDC Meter Cycle
<b>REF*MT*HHMON</b>	Meter Type
<b>REF*4P*1*HHMON</b>	Meter Constant
<b>REF*IX*5.0*HHMON</b>	Number of dials/digits
<b>REF*TU*51*HHMON</b>	Totalized metering information sent on the 867

**Bill Ready:**

Response to request is for Customer Enrollment only. Account has 2 meters. Meter 123857G measures ccf (totalized, Meter 218737S measures ccf (totalized only).

BGN*11*199904020830531*19990402***199904011956531	Response, unique transaction identification number, transaction creation date and original request transaction identification number
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME*02*1210	Customer Name and reference number
N3*123 N MAIN ST*FLR 13	Service address
N4*ANYTOWN*PA*18111	City/State/Zip for Service Address.
PER*IC*MARY JONES*TE*8005559876	Customer Contact name and telephone number
N1*BT*ACCOUNTS PAYABLE DEPT	Bill to party
N3*100 WEST AVENUE	Bill to address
N4*ANYTOWN*PA*18111	Bill to City/State/Zip
PER*IC*KELLY WEST*TE*8005559876	Bill To Contact name and telephone number
N1*PK*FRANK SMITH	Party to Receive Copy Name
N3*459 AVENUE B	Party to Receive Copy Address
N4*ANYTOWN*PA*18111	Party to Receive Copy City/State/Zip
PER*IC*FRANK SMITH*TE*8005559876	Party to Receive Copy Name
N1*2C*CAROL WRIGHT	Co-Participant Name
N3*23948 MAIN STREET	Co-Participant Address
N4*ANYTOWN*PA*18111	Co-Participant City/State/Zip
PER*IC*CAROL WRIGHT*TE*8005559876	Co-Participant Name and telephone number
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, enrollment request for gas Customer Enrollment
ASI*WQ*021	Accept Enrollment request
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
REF*4N*N	GDC Payment Arrangement Status
REF*BF*18	GDC Billing Cycle
<b>REF*BL*LDC</b>	GDC consolidates the GDC and ESP charges
REF*PC*DUAL	Each party calculates its own charges (Bill Ready)
REF*NR*N	Budget Billing Status
DTM*129*19990401*1430*ET	Date/time/time zone customer agreed to obtain service from the Service Provider
DTM*150*19990425	Estimated Start date
AMT*LD*12	Number of months over which the total ccf are calculated
AMT*MA*50	DCQ's
AMT*TA*125500	Total Therms
NM1*MQ*3*****32*123857G	Meter number
REF*NH*GS1	GDC Rate class
REF*PR*123	GDC Rate Subclass
REF*TZ*18	GDC Meter Cycle
<b>REF*MT*HHMON</b>	Meter Type
<b>REF*4P*1*HHMON</b>	Meter constant on the CCF register
<b>REF*IX*6.1*HHMON</b>	Number of dials/digits
<b>REF*IU*51*HHMON</b>	Totalized metering information sent on the 867
<b>REF*4P*1*TZMONTZMON</b>	Meter constant on the demand (CCF) register
<b>REF*IX*5.0*TZMONTZMON</b>	Number of dials/digits )
NM1*MQ*3*****32*218737S	Meter Number
REF*NH*GS1	GDC Rate class
REF*PR*123	GDC Rate Subclass

REF*TZ*18	GDC Meter Cycle
REF*MT*HHMON	Meter Type
REF*4P*1*HHMON	Meter Constant
REF*IX*5.0*HHMON	Number of dials/digits
REF*TU*51*HHMON	Totalized metering information sent on the 867

**Dual Billing:**

Request is for Customer Enrollment only. Account has 1 meter and unmetered services. Meter 23487992G measures HH (totalized only).

BGN*11*199904020830561*19990402***199904011956566	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME*02*1210	Customer Name
N3*123 N MAIN ST*FLR 13	Service address
N4*ANYTOWN*PA*18111**CO*LEHIGH	City/State/Zip for Service Address. Also County for service address where required to send
PER*IC*MARY JONES*TE*8005559876	Customer Contact name and telephone number
N1*BT*ACCOUNTS PAYABLE DEPT	Bill to party
N3*100 WEST AVENUE	Bill to address
N4*ANYTOWN*PA*18111	Bill to City/State/Zip
PER*IC*KELLY WEST*TE*8005559876	Bill To Contact name and telephone number
N1*PK*FRANK SMITH	Party to Receive Copy Name
N3*459 AVENUE B	Party to Receive Copy Address
N4*ANYTOWN*PA*18111	Party to Receive Copy City/State/Zip
PER*IC*FRANK SMITH*TE*8005559876	Party to Receive Copy Name
N1*2C*CAROL WRIGHT	Co-Participant Name
N3*23948 MAIN STREET	Co-Participant Address
N4*ANYTOWN*PA*18111	Co-Participant City/State/Zip
PER*IC*CAROL WRIGHT*TE*8005559876	Co-Participant Contact Name and telephone number
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, enrollment request for gas Customer Enrollment
ASI*WQ*021	Accept Enrollment request
REF*11*2348400590	ESP Account Number
<b>REF*12*293839201</b>	GDC Account Number
REF*4N*N	GDC Payment Arrangement Status
REF*BF*18	GDC Billing Cycle
<b>REF*BLT*DUAL</b>	Each party renders their own bill
REF*PC*DUAL	Each party calculates their own charges)
REF*NR*N	Budget Billing Status
DTM*129*19990401*1430*ET	Date/time/time zone customer agreed to obtain service from the Service Provider
DTM*150*19990425	Estimated Start date
AMT*LD*12	Number of months over which the total ccf are calculated
AMT*TA*8000	Total Therms
NM1*MQ*3*****32*23487992G	Meter number
REF*NH*RES	GDC Rate class
REF*PR*RT	GDC Rate Subclass
REF*TZ*18	GDC Meter Cycle
REF*MT*HHMON	Meter Type
REF*4P*1*HHMON	Meter constant on the CCF register
REF*IX*6.0*HHMON	Number of dials/digits
REF*TU*51*HHMON	Totalized metering information sent on the 867

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NM1*MQ*3*****32*UNMETERED	Indicates that there is unmetered service associated with this account
REF*LO*RESTH	GDC Load Profile
REF*NH*RES	GDC Rate class
REF*PR*RT	GDC Rate Subclass
REF*TU*51*HHMON	Totalized metering information sent on the 867

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**Example: CE Enrollment Response – Enrollment Rejected****Rate Ready:**

Request is for Customer Enrollment only. Enrollment was rejected due to an invalid GDC Account Number.

BGN*11*199904020830538*19990402***199904011956531	Request, unique transaction identification number, transaction creation date, original Request transaction number
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, Submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, Receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, enrollment request for gas Customer Enrollment
ASI*U*021	<b>Reject</b> Enrollment request
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason code.
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

**Bill Ready:**

Request is for Customer Enrollment only. Enrollment was rejected due to an invalid GDC Account Number.

BGN*11*199904020830538*19990402***199904011956531	Request, unique transaction identification number, transaction creation date, original Request transaction number
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, Submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, Receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, enrollment request for gas Customer Enrollment
ASI*U*021	<b>Reject</b> Enrollment request
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason code.
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

**Dual Billing:**

Request is for Customer Enrollment only. Enrollment was rejected due to an invalid GDC Account Number.

BGN*11*199904020830568*19990402***199904011956566	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, enrollment request for electric Customer Enrollment
ASI*U*021	<b>Reject</b> Enrollment request
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason code
REF*11*2348400590	ESP Account Number
<b>REF*12*293839201</b>	GDC Account Number

**Example: Historical Usage Request**

**Rate Ready & Bill Ready:**

This Request was for Historical Usage only.

BGN*13*199904011956544*19990401	Request, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*HU1999123100004*SH*GAS*SH*HU	Unique transaction reference number, request for gas Historical Usage
ASI*7*029	Request for inquiry
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

**Example: Historical Usage Response – Accepted**

**Rate Ready & Bill Ready:**

Request is for Historical Usage only. The Request was Accepted, the actual historical data will be sent on an 867 HU transaction.

BGN*11*199904011956544*19990401	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*HU1999123100004*SH*GAS*SH*HU	Unique transaction reference number, request for gas Historical Usage
ASI*WQ*029	Request for inquiry was <b>Accepted</b>
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

**Example: Historical Usage Response – Rejected**

**Rate Ready & Bill Ready:**

Request is for Historical Usage only. The Request was Rejected because account is inactive.

BGN*11*199904011956544*19990401	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*HU1999123100004*SH*GAS*SH*HU	Unique transaction reference number, request for gas Historical Usage
ASI*U*029	Request for inquiry was <b>Rejected</b>
REF*7G*008*ACCOUNT EXISTS BUT NOT ACTIVE	Rejection Reason code
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

**Example: Historical Usage Response – Historical Usage Unavailable**

**Rate Ready & Bill Ready:**

Request is for Historical Usage only. No Historical Usage is available. The Request is Accepted, but a status code should be sent indicating that historical usage is not available.

BGN*11*199904011956544*19990401	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*HU1999123100004*SH*GAS*SH*HU	Unique transaction reference number, request for gas Historical Usage
ASI*WQ*029	Request for inquiry was <b>Accepted</b>
REF*1P*HUU*HISTORICAL USAGE UNAVAILABLE	Status Reason code
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

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**Example: Meter Information Request**  
 ¶  
**Rate Ready & Bill Ready:** ¶  
 This Request was for Meter Information only. ¶  
 ¶  
 BGN\*13\*199904011956588\*19 [15]  
 Deleted: BGN\*11\*199904020830531\*19990402\*\*\*199904011956531 [16]  
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<a href="#">Example: Enrollment Request for Generation Services, Historical Usage, Meter Information, Summary Interval and a Special Meter Read</a> .....			888894
<a href="#">Rate Ready:</a> .....			888894
<a href="#">Bill Ready:</a> .....			888895
<a href="#">Example: Enrollment Response for Customer Enrollment, Historical Usage, Meter Information, Summary Interval, and a Special Meter Read</a> .....			888896
<a href="#">Rate Ready</a> .....			888896
<a href="#">Bill Ready</a> .....			888898



<p><b><i>Special Meter Read (SR) Request and Response Data Dictionary</i></b></p>
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<i>Appl Field</i>	<i>Field Name</i>	<i>Description</i>	<i>EDI Segment</i>	<i>Loop / Related EDI Qualifier</i>	<i>Data Type</i>
1	Transaction Set Purpose Code	Request = <b>13</b> Response = <b>11</b>	BGN01		X(2)
2	Transaction Reference Number	A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.	BGN02		X(30)
3	System Date	Date that the data was processed by the sender's application system.	BGN03		9(8)

4	Original Transaction Reference Number	Transaction Reference Number echoed from the Original Request Transaction (BGN02).	BGN06		X(30)
5	GDC Name	NGDC's Name	N102	N1: N101 = <b>8S</b>	X(60)
6	GDC Duns	NGDC's DUNS Number or DUNS+4 Number	N104	N1: N101 = <b>8S</b> N103 = <b>1</b> or <b>9</b> N106 = <b>40</b> or <b>41</b>	X(13)
7	ESP Name	ESP's Name	N102	N1: N101 = <b>SJ</b>	X(60)
8	ESP Duns	ESP's DUNS Number or DUNS+4 Number	N104	N1: N101 = <b>SJ</b> N103 = <b>1</b> or <b>9</b> N106 = <b>40</b> or <b>41</b>	X(13)
9	Customer Name	Customer Name as it appears on the Customer's Bill	N102	N1: N101 = <b>8R</b>	X(35)  Note: X(60) for MD
10	Line Item Transaction Reference Number	Unique Tracking Number for each line item in this transaction. This number must be unique over time.	LIN01		X(20)
11	Special Read Request Indicator	Indicates an ESP request to obtain special meter reading.	LIN05 = <b>SR</b>	LIN02 = <b>SH</b> LIN03 = <b>GAS</b> LIN04 = <b>SH</b>	X(2)
12	Action Code	Indicates that the transaction is a request, or whether this transaction has been accepted or rejected.	ASI01= Request: <b>7</b> Accept Response: <b>WQ</b> Reject Response: <b>U</b>	LIN: ASI02= <b>021</b>	X(2)
13	Rejection Reason Code	Code explaining reason for rejection.	REF02	LIN: REF01= <b>7G</b>	X(3)
14	Rejection Reason Text	Text explaining rejection.	REF03	LIN: REF01= <b>7G</b>	X(80)
15	Status Reason Code	Code to provide status information for a secondary service.	REF02	LIN: REF01= <b>1P</b>	X(3)
16	Status Reason Text	Text to provide status information.	REF03	LIN: REF01= <b>1P</b>	X(80)
17	ESP Account Number	ESP Customer Account Number	REF02	LIN: REF01= <b>11</b>	X(30)

18	GDC Account Number	GDC Customer Account Number	REF02	LIN: REF01= <b>12</b>	X(30)
20	Requested Read Date	Date ESP is requesting special meter read to be made. CCYYMMDD (optionally HHMM Zone)	DTM02 / DTM03 / DTM04	LIN: DTM01 = <b>MRR</b>	9(8)

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“Secondary Service”	MI	Meter Information Indicates an ESP request to obtain detailed information about the existing meter. The meter data is returned on an EDI 650 in addition to the 814 Response. If this service cannot be provided, the associated REF*1P can be “MIU”, “NMI”, “UMA”
“Secondary Service”	SR	Special Meter Read Indicates an ESP request to obtain a special, off-cycle meter read for this customer. If the meter agent cannot provide this service, the associated REF*1P is sent with status reason code of W09. If this service cannot be provided, the associated REF*1P is “W09”.
“Secondary Service”	SI	Summary Interval Indicates an ESP request to obtain summary level data only for an interval customer. This must be sent with a Generation Enrollment or after a Generation Enrollment. If this service is not be provided, the associated REF*1P is “SNP”. If this service is not provided at an account level (i.e., the meter agent requires that a decision be made for all accounts for the ESP), the associated REF*1P is “SNP”.

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## Request for Meter Information (MI) Rejection Codes

Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		008	Account exists but is not active	
		A13	Other	
		A76	Account not found This includes invalid account numbers as well as no account number being found.	
		A77	Name specified does not match account	
		ABN	Duplicate request received	
		ACI	Action Code (ASI01) Invalid	
		ANL	Service provider not licensed to provide requested service	
		API	Required information missing (REF03 Required)	
		B33	Customer name is missing from the request	
		UND	Cannot identify ESP	
		SSR	Secondary Service Rejected	

Secondary Service not performed because Primary Service was rejected

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Optional REF03 352 Description X AN 1/80  
A free-form description to clarify the related data elements and their content  
Used to further describe the status reason code sent in REF02. Codes "A13" and "API" require text explanation in this element.

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### Special Meter Read (SR) Rejection Codes

Must Use REF02 127 Reference Identification X AN 1/30

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

008	Account exists but is not active
A13	Other REF03 Required.
A76	Account not found This includes invalid account numbers as well as no account number being found.
A77	Name specified does not match account
ABN	Duplicate request received
ACI	Action Code (ASI01) Invalid
ANL	Service provider not licensed to provide requested service
API	Required information missing (REF03 Required)
B33	Customer name is missing from the request
UND	Cannot identify ESP
SSR	Secondary Service Rejected Secondary Service not performed because Primary Service was rejected

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Optional REF03 352 Description X AN 1/80  
A free-form description to clarify the related data elements and their content  
Used to further describe the rejection reason code sent in REF02. Codes "A13" and "API" require text explanation in this element.

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### Meter Information (MI) Status Codes:

Must Use REF02 127 Reference Identification X AN 1/30

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

A13	Other REF03 Required.
MIU	Meter Information Unavailable
NMI	No Meter Installed
SNP	Service Not Provided
UMA	Unmetered Account

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Optional REF03 352 Description X AN 1/80  
A free-form description to clarify the related data elements and their content  
Used to further describe the status reason code sent in REF02. Code "A13" requires a text explanation in this element.

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## Special Meter Read (SR) Status Codes

<b>Must Use</b>	<b>REF02</b>	<b>127</b>	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
		A13	Other	REF03 Required.	
		A84	Invalid Relationship	This will be used when the requestor is not the supplier of record	
		SNP	Service Not Provided	REF03 may contain further information, such as "Not available via EDI, please call"	
		UMA	Unmetered Account		
		W09	Special, Off-cycle meter reading cannot be performed. Meter will be read on the normal, on-cycle read date.		

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<b>Optional</b>	<b>REF03</b>	<b>352</b>	<b>Description</b>	<b>X</b>	<b>AN 1/80</b>
A free-form description to clarify the related data elements and their content					
Used to further describe the status reason code sent in REF02. Code "A13" requires a text explanation in this element.					

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## Summary Interval (SI) Status Codes

<b>Must Use</b>	<b>REF02</b>	<b>127</b>	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
		A13	Other	REF03 Required.	
		A84	Invalid Relationship	This will be used when the requestor is not the supplier of record	
		SNP	Service Not Provided		
		UMA	Unmetered Account or non-Interval Account		
<b>Optional</b>	<b>REF03</b>	<b>352</b>	<b>Description</b>	<b>X</b>	<b>AN 1/80</b>
A free-form description to clarify the related data elements and their content					
Used to further describe the status reason code sent in REF02. Code "A13" requires a text explanation in this element.					

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### Example: Meter Information Request

**Rate Ready & Bill Ready:**

This Request was for Meter Information only.

BGN*13*199904011956588*19990401	Request, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*MI1999123100005*SH*GAS*SH*MI	Unique transaction reference number, request for gas Meter Information
ASI*7*029	Request for inquiry
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

### Example: Meter Information Response – Accepted

**Rate Ready & Bill Ready:**

Request is for Meter Information only. The Request was Accepted, the actual meter data will be sent on an 650 transaction.

BGN*11*199904011956588*19990401	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*MI1999123100005*SH*GAS*SH*MI	Unique transaction reference number, request for gas Meter Information
ASI*WQ*029	Request for inquiry was <b>Accepted</b>
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

### Example: Meter Information Response – Rejected

**Rate Ready & Bill Ready:**

Request is for Meter Information only. The Request was Rejected because account is inactive.

BGN*11*199904011956588*19990401	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*MI1999123100005*SH*GAS*SH*MI	Unique transaction reference number, request for gas Meter Information
ASI*U*029	Request for inquiry was <b>Rejected</b>
REF*7G*008*ACCOUNT EXISTS BUT IS NOT ACTIVE	Rejection Reason code
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

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### Example: Meter Information Response – Meter Information Unavailable

**Rate Ready & Bill Ready:**

Request is for Meter Information only. No Meter Information is available. The Request is Accepted, but a status code should be sent indicating that Meter Information is not available.

BGN*11*199904011956588*19990401	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*MI1999123100005*SH*GAS*SH*MI	Unique transaction reference number, request for gas Meter Information
ASI*WQ*029	Request for inquiry was <b>Accepted</b>
REF*1P*MIU*METER INFORMATION	Status Reason code

UNAVAILABLE	
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

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### Example: Summary Information for Interval Account Request

#### Rate Ready & Bill Ready:

This Request is to receive summary information only for an interval account. This must be sent as a secondary service with a generation enrollment or after a customer has been successfully enrolled with an ESP.

BGN*13*199904011956588*19990401	Request, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*SI1999123100007*SH*GAS*SH*SI	Unique transaction reference number, request for gas summary only interval data
ASI*7*021	Request for addition
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

### Example: Summary Information for Interval Account Response – Accepted

#### Rate Ready & Bill Ready:

Request is to receive summary information only for an interval account. The Request was Accepted.

BGN*11*199904011956588*19990401	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*SI1999123100007*SH*GAS*SH*SI	Unique transaction reference number, request for gas Meter Information
ASI*WQ*021	Request for inquiry was <b>Accepted</b>
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
<b>REF*17*SUMMARY</b>	Summary/Interval Indicator

### Example: Summary Information for Interval Account Response – Rejected

#### Rate Ready & Bill Ready:

Request is to receive summary information only for an interval account. The Request was Rejected because account is inactive.

BGN*11*199904011956588*19990401	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver

N1*8R*CUSTOMER NAME	Customer Name
LIN*SI1999123100007*SH*GAS*SH*SI	Unique transaction reference number, request for gas Meter Information
ASI*U*021	Request for inquiry was <b>Rejected</b>
REF*7G*008*ACCOUNT EXISTS BUT IS NOT ACTIVE	Rejection Reason code
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

**Example: Summary Information for Interval Account Response – Service Not Provided**

**Rate Ready & Bill Ready:**

Request is to receive summary information only for an interval account. The Request is Accepted, but a status code should be sent indicating that the utility does not provide this service at the account level.

BGN*11*199904011956588*19990401	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*SI1999123100007*SH*GAS*SH*SI	Unique transaction reference number, request for gas Meter Information
ASI*WQ*021	Request for inquiry was <b>Accepted</b>
REF*1P*SNP*SERVICE NOT PROVIDED	Status Reason code
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

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**Example: Enrollment Request for Generation Services, Historical Usage, Meter Information, Summary Interval and a Special Meter Read**

**Rate Ready:**

BGN*13*199904011956531*19990401	Request, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, request for gas service
ASI*7*021	Request for addition
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
<b>REF*BLT*LDC</b>	GDC consolidates the GDC and ESP charges
REF*PC*LDC	GDC calculates ESP charges (Rate Ready)
DTM*129*19990401*1430*ET	Date/time/time zone customer agreed to obtain service



	from the Service Provider
AMT*DP*1	Tax Exemption Percent
NM1*MQ*3*****32*ALL	Beginning of Meter Loop for Rate Ready
REF*RB*0300	ESP Rate code
LIN*HU1999123100004*SH*GAS*SH*HU	Unique transaction reference number, request for gas Historical Usage
ASI*7*029	Request for inquiry
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
LIN*MI1999123100005*SH*GAS*SH*MI	Unique transaction reference number, request for gas Meter Information
ASI*7*029	Request for inquiry
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
LIN*SI1999123100007*SH*GAS*SH*SI	Unique transaction reference number, request for gas Summary Only Information for an Interval Account
ASI*7*021	Request for addition
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
LIN*SR1999123100005*SH*GAS*SH*SR	Unique transaction reference number, request for gas Special Meter Read
ASI*7*021	Request for addition
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
<b>DTM*MRR*20000110</b>	Requested special meter read date

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**Bill Ready:**

BGN*13*199904011956531*19990401	Request, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**40	GDC Name, GDC DUNS information, receiver
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name, ESP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, request for gas service
ASI*7*021	Request for addition
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
<b>REF*BLT*LDC</b>	GDC consolidates the GDC and ESP charges
REF*PC*DUAL	Each party calculates its own charges (Bill Ready)
DTM*129*19990401*1430*ET	Date/time/time zone customer agreed to obtain service from the Service Provider
LIN*HU1999123100004*SH*GAS*SH*HU	Unique transaction reference number, request for gas Historical Usage
ASI*7*029	Request for inquiry
REF*11*2348400586	ESP Account Number

<b>REF*12*293839200</b>	GDC Account Number
LIN*MI1999123100005*SH*GAS*SH*MI	Unique transaction reference number, request for gas Meter Information
ASI*7*029	Request for inquiry
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
LIN*SI1999123100007*SH*GAS*SH*SI	Unique transaction reference number, request for gas Summary Only Information for an Interval Account
ASI*7*021	Request for addition
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
LIN*SR1999123100005*SH*GAS*SH*SR	Unique transaction reference number, request for gas Special Meter Read
ASI*7*021	Request for addition
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number
<b>DTM*MRR*20000110</b>	Requested special meter read date

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### Example: Enrollment Response for Customer Enrollment, Historical Usage, Meter Information, Summary Interval, and a Special Meter Read

Account has 2 meters. Meter 123857G measures ccf (totalized only, Meter 218737S measures ccf (totalized only). **Note:** All services have been accepted.

#### Rate Ready

BGN*11*199904020830531*19990402***199904011956531	Response, unique transaction identification number, transaction creation date
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver
N1*8R*CUSTOMER NAME*92*1210	Customer Name and reference number
N3*123 N MAIN ST*FLR 13	Service address
N4*ANYTOWN*PA*18111	City/State/Zip for Service Address.
PER*IC*MARY JONES*TE*8005559876	Customer Contact name and telephone number
N1*BT*ACCOUNTS PAYABLE DEPT	Bill to party
N3*100 WEST AVENUE	Bill to address
N4*ANYTOWN*PA*18111	Bill to City/State/Zip
PER*IC*KELLY WEST*TE*8005559876	Bill To Contact name and telephone number
N1*PK*FRANK SMITH	Party to Receive Copy Name
N3*459 AVENUE B	Party to Receive Copy Address
N4*ANYTOWN*PA*18111	Party to Receive Copy City/State/Zip
PER*IC*FRANK SMITH*TE*8005559876	Party to Receive Copy Name
N1*2C*CAROL WRIGHT	Co-Participant Name
N3*23948 MAIN STREET	Co-Participant Address
N4*ANYTOWN*PA*18111	Co-Participant City/State/Zip
PER*IC*CAROL WRIGHT*TE*8005559876	Co-Participant Name
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, enrollment request for gas service
ASI*WQ*021	Accept Enrollment request
REF*11*2348400586	ESP Account Number
<b>REF*12*293839200</b>	GDC Account Number

REF*BF*18	GDC Billing Cycle
<b>REF*BLT*LDC</b>	GDC consolidates the GDC and ESP charges
REF*PC*LDC	GDC calculates ESP charges (Rate Ready)
REF*NR*N	Budget Billing Status
DTM*129*19990401*1430*ET	Date/time/time zone customer agreed to obtain service from the Service Provider
DTM*150*19990425	Estimated Start date
AMT*LD*12	Number of months over which the total Therms are calculated
AMT*MA*50	DCQ's
AMT*TA*125500	Total Therms
NM1*MQ*3*****32*123857G	Meter number
REF*NH*GS1	GDC Rate class
REF*PR*123	GDC Rate Subclass
REF*RB*0300	ESP rate code
REF*TZ*18	GDC Meter Cycle
REF*MT*HHMON	Meter Type
REF*4P*1*HHMON	Meter constant on the ccf register
REF*IX*6.1*HHMON	Number of dials/digits
REF*TU*51*HHMON	Totalized metering information sent on the 867
REF*4P*1*TZMON	Meter constant on the demand (ccf) register
REF*IX*5.0*TZMON	Number of dials/digits )
REF*TU*51*TZMON	Totalized metering information sent on the 867
NM1*MQ*3*****32*218737S	Meter Number
REF*NH*GS1	GDC Rate class
REF*PR*123	GDC Rate Subclass
REF*RB*0300	ESP rate code
REF*TZ*18	GDC Meter Cycle
REF*MT*HHMON	Meter Type
REF*4P*1*HHMON	Meter Constant
REF*IX*5.0*HHMON	Number of dials/digits
REF*TU*51*HHMON	Totalized metering information sent on the 867
LIN*HU1999123100004*SH*GAS*SH*HU	Unique transaction reference number, enrollment request for gas Historical Usage
ASI*WQ*029	Request for inquiry was Accepted
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number
LIN*MI1999123100005*SH*GAS*SH*MI	Unique transaction reference number, enrollment request for gas Meter Information
ASI*WQ*029	Request for inquiry was Accepted
REF*1P*MIU*METER INFORMATION UNAVAILABLE	Status Reason Code
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number
LIN*SI1999123100007*SH*GAS*SH*SI	Unique transaction reference number, enrollment request for gas Summary Only Information for an Interval Account
ASI*WQ*021	Request for inquiry was Accepted
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number
REF*17*SUMMARY	Summary level only data will be sent for this interval

	account
LIN*SR1999123100005*SH*GAS*SH*SR	Unique transaction reference number, enrollment request for gas special meter read
ASI*WQ*021	Request for addition was Accepted
REF*1P*W09*DO NOT PROVIDE THIS SERVICE	Status Reason Code
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number
DTM*MRR*20000110	Special meter read date

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**Bill Ready**

Page 88: [16] Deleted		Jim Gross	10/9/2006 10:03:00 AM
BGN*11*199904020830531*19990402***199904011956531	Response, unique transaction identification number, transaction creation date		
N1*8S*GDC COMPANY*1*007909411**41	GDC Name, GDC DUNS information, submitter		
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name, ESP DUNS information, receiver		
N1*8R*CUSTOMER NAME*92*1210	Customer Name and reference number		
N3*123 N MAIN ST*FLR 13	Service address		
N4*ANYTOWN*PA*18111	City/State/Zip for Service Address.		
PER*IC*MARY JONES*TE*8005559876	Customer Contact name and telephone number		
N1*BT*ACCOUNTS PAYABLE DEPT	Bill to party		
N3*100 WEST AVENUE	Bill to address		
N4*ANYTOWN*PA*18111	Bill to City/State/Zip		
PER*IC*KELLY WEST*TE*8005559876	Bill To Contact name and telephone number		
N1*PK*FRANK SMITH	Party to Receive Copy Name		
N3*459 AVENUE B	Party to Receive Copy Address		
N4*ANYTOWN*PA*18111	Party to Receive Copy City/State/Zip		
PER*IC*FRANK SMITH*TE*8005559876	Party to Receive Copy Name		
N1*2C*CAROL WRIGHT	Co-Participant Name		
N3*23948 MAIN STREET	Co-Participant Address		
N4*ANYTOWN*PA*18111	Co-Participant City/State/Zip		
PER*IC*CAROL WRIGHT*TE*8005559876	Co-Participant Name		
LIN*CE1999123100002*SH*GAS*SH*CE	Unique transaction reference number, enrollment request for gas Customer Enrollment		
ASI*WQ*021	Accept Enrollment request		
REF*11*2348400586	ESP Account Number		
<b>REF*12*293839200</b>	GDC Account Number		
REF*4N*N	GDC Payment Arrangement Status		
REF*BF*18	GDC Billing Cycle		
<b>REF*BLT*GDC</b>	GDC consolidates the GDC and ESP charges		
REF*PC*DUAL	Each party calculates its own charges (Bill Ready)		
REF*NR*N	Budget Billing Status		
DTM*129*19990401*1430*ET	Date/time/time zone customer agreed to obtain service from the Service Provider		
DTM*150*19990425	Estimated Start date		
AMT*LD*12	Number of months over which the total therms are calculated		
AMT*MA*50	DCQ's		
AMT*TA*125500	Total Therms		
NM1*MQ*3*****32*123857G	Meter number		
REF*NH*GS1	GDC Rate class		

REF*PR*123	GDC Rate Subclass
REF*TZ*18	GDC Meter Cycle
REF*MT* HHMON	Meter Type
REF*4P*1*HHMON	Meter constant on the ccf register
REF*IX*6.1*HHMON	Number of dials/digits
REF*TU*51*HHMON	Totalized metering information sent on the 867
REF*4P*1*TZMON	Meter constant on the demand (ccf) register
REF*IX*5.0*TZMON	Number of dials/digits )
REF*TU*51*TZMON	Totalized metering information sent on the 867
NM1*MQ*3*****32*218737S	Meter Number
REF*NH*GS1	GDC Rate class
REF*PR*123	GDC Rate Subclass
REF*TZ*18	GDC Meter Cycle
REF*MT*HHMON	Meter Type
REF*4P*1*HHMON	Meter Constant
REF*IX*5.0*HHMON	Number of dials/digits
REF*TU*51*HHMON	Totalized metering information sent on the 867
LIN*HU1999123100004*SH*GAS*SH*HU	Unique transaction reference number, enrollment request for gas Historical Usage
ASI*WQ*029	Request for inquiry was Accepted
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number
LIN*MI1999123100005*SH*GAS*SH*MI	Unique transaction reference number, enrollment request for gas Meter Information
ASI*WQ*029	Request for inquiry was Accepted
REF*1P*MIU*METER INFORMATION UNAVAILABLE	Status Reason Code
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number
LIN*SI1999123100007*SH*GAS*SH*SI	Unique transaction reference number, enrollment request for gas Summary Only Information for an Interval Account
ASI*WQ*021	Request for inquiry was Accepted
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number
REF*17*SUMMARY	Summary level only data will be sent for this interval account
LIN*SR1999123100005*SH*GAS*SH*SR	Unique transaction reference number, enrollment request for gas special meter read
ASI*WQ*021	Request for addition was Accepted
REF*1P*W09*DO NOT PROVIDE THIS SERVICE	Status Reason Code
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number
DTM*MRR*20000110	Special meter read date