

New Jersey

Gas

Implementation

Guideline

For

Electronic Data Interchange

TRANSACTION SET

810

LDC Consolidated Bill

Ver/Rel 004010

Table of Contents

Summary of Changes.....	4
Notes.....	6
New Jersey Notes	8
How to Use the Implementation Guideline	11
Data Dictionary for 810 LDC Consolidated Bill.....	12
Segment: ST Transaction Set Header	19
Segment: BIG Beginning Segment for Invoice	20
Segment: REF Reference Identification (OI = Original Invoice Number)	22
Segment: REF Reference Identification (11 = ESP Account Number)	23
Segment: REF Reference Identification (12 = GDC Account Number).....	24
Segment: REF Reference Identification (BF = Billing Cycle)	25
Segment: REF Reference Identification (BLT = Billing Type).....	26
Segment: REF Reference Identification (PC = Calculates Charges)	27
Segment: N1 Name (8S = GDC Name).....	28
Segment: N1 Name (SJ = ESP Name).....	29
Segment: N1 Name (8R = Customer Name)	30
Segment: ITD Terms of Sale/Deferred Terms of Sale.....	31
Segment: BAL Balance Detail (P*YB = Previous Balance).....	32
Segment: BAL Balance Detail (M*J9 = Balance prior to billing).....	33
Segment: BAL Balance Detail (M*YB = Balance after billing)	34
Segment: IT1 Baseline Item Data (Invoice)	35
Segment: PID Product/Item Description.....	36
Segment: DTM Date/Time Reference (150 = Service Period Start).....	38
Segment: DTM Date/Time Reference (151 = Service Period End).....	39
Segment: SLN Subline Item Detail.....	40
Segment: SAC Service, Promotion, Allowance, or Charge Information.....	41
Segment: IT1 Baseline Item Data (Invoice) (Rate Level Loop)	44
Segment: REF Reference Identification (DQ = Highest Monthly Average Daily (HMAD)).....	45
Segment: REF Reference Identification (RB = ESP Rate Code for the Customer).....	46
Segment: REF Reference Identification (SJ = Maximum Daily Quantity (MDQ)).....	47
Segment: DTM Date/Time Reference (150 = Service Period Start).....	48
Segment: DTM Date/Time Reference (151 = Service Period End).....	49
Segment: SLN Subline Item Detail.....	50
Segment: SAC Service, Promotion, Allowance, or Charge Information.....	51
Segment: TDS Total Monetary Value Summary	53
Segment: CTT Transaction Totals	54
Segment: SE Transaction Set Trailer.....	55
EXAMPLES:.....	56

Summary of Changes

March 29, 2000 Version 1.0	Initial Release.
July 3, 2000 Version 1.1	<p>Modified</p> <ul style="list-style-type: none"> Notes section NJ Notes section X12 Structure Notes on BIG segment Notes on SAC segments Notes on DTM segments <p>Added REF*OI – Canceled 810 transaction reference number Changed REF*11 to optional – ESP’s customer account number Deleted REF*45 - GDC’s previous customer account number Added REF</p> <ul style="list-style-type: none"> DQ - Highest Month Average Daily (HMAD)- added for New Jersey SJ - Maximum Daily Quantity (MDQ)- added for New Jersey Natural Gas <p>Deleted Unmetered IT1 loop Updated all Electric Units of Measurement to Gas Units of Measurements Updated examples</p>
May 31, 2001 Version 1.2	<p>Added Table of a Contents Added Data Dictionary Removed Rate Ready example for Unmetered loop since not valid in NJ Remove “ELECTRIC” from IT107</p>
June 22, 2001 Version 1.3	<p>Removed Rate and Unmetered notes in under Bill Ready category in the Notes section. Corrected Billing Information note Corrected notes “Cancellations” and “Minimum requirements” in Notes section. Corrected spelling error in SAC15 note. Corrected Use Note on Segment REF*11 (ESP Account Number)</p>
August 8, 2001 Version 1.4	<p>For PSE&G CAS</p> <ul style="list-style-type: none"> • Updates NJ Notes section • Added PID loop note in Data Dictionary • Updated NJ Use note on segment BAL*P*YB • Updated NJ Use note on segment BAL*M*J9 • Added segment PID in IT1 Account Loop
November 7, 2001 Version 1.5	<p>Added South Jersey Gas Example</p>
March 8, 2002 Version 1.6	<p>Added Elizabethtown notes to Notes sections:</p> <ul style="list-style-type: none"> ○ “Cancellations” ○ “Bill Ready – LDC Consolidated Billing - Supplier Switch” ○ “ Bill Ready - Missed Window:”
February 23, 2012 Version 1.7	<p>For SJG:</p> <ul style="list-style-type: none"> • Updated Notes section to indicate SJG supports LDC Rate Ready and remove references to SJG under LDC Bill Ready • Update BIG segment Notes to remove reference to SJG • Updated DTM150 and DTM151 segment Notes to remove reference to SJG • Updated SAC04 to remove reference to SJG • Updated SAC15 SJG to remove “Specifications need to be developed” • Updated IT1 loop note to remove reference to SJG indicating Rate loop invalid • Removed Bill Ready example

April 16, 2012 Version 1.8	For PSE&G <ul style="list-style-type: none">• New Jersey Notes – Bill Ready – Missed Window: changed LAST 810 received to FIRST 810 received.• Updated DTM 150 and DTM 151 segment Notes from PSE&G will NOT validate this field to PSE&G will validate this field.• PSE&G Bill – Ready Example – changed 10 digit LDC account number to 20 character alpha numeric PODid number• PSE&G Bill – Ready Example – updated PSE&G gas DUNS number from 006973812 to 006973812GASP
April 23, 2012 Version 1.9	For Elizabethtown Gas Co <ul style="list-style-type: none">• 810 LDC Consolidated Billing<ul style="list-style-type: none">○ ETG has currently not developed a LDC consolidated billing capability
October 4, 2012	Updated SAC09 value to be TD, consistent with 867 QTY03. Per Change Control submitted 7/3/12. Change effective 10/15/2012.
April 8, 2013	Revised Version <ul style="list-style-type: none">• Updated Notes to indicate ETG will be supporting consolidated billing by end of 2013
September 9, 2014	For PSE&G <ul style="list-style-type: none">• New Jersey Notes - Minimum Requirements – Segments Used for Bill Presentation: updated to state adjustments are added together. For ETG <ul style="list-style-type: none">• Updated Notes to indicate ETG now supports LDC Consolidated Bill Ready billing with details of practices. Added examples.
December 15, 2014	For PSE&G <ul style="list-style-type: none">• Updated note in SAC section to indicate transactions with multiple adjustment lines will be rejected.

Notes

LDC Definitions:	<ul style="list-style-type: none"> The term GDC (Gas Distribution Company) in this document refers to the utility.
ESP Definitions:	<ul style="list-style-type: none"> The term ESP (Energy Service Provider) in this document refers to the supplier.
General Notes	<p>This document is used to define the requirements of the LDC Consolidated Bills which can be used for two purposes:</p> <ul style="list-style-type: none"> Sent by LDC to ESP – Used when the LDC calculates the ESP charges, based on the rates provided by the ESP to the LDC. This is referred to as Rate Ready billing. Sent by ESP to LDC – Used when the ESP calculates their own charges and the charges print on an LDC consolidated bill. This is referred to as Bill Ready billing. <p>Note: ESP Consolidated Bills will be defined in a separate 810 Implementation Guide.</p>
IT1 Loop	<p>The IT1 is used to indicate whether the charge/tax is at a rate level, account level, or unmetered level. In New Jersey for Bill Ready, charges will always be sent at the account level.</p> <p>IT109 = "ACCOUNT" for billing information that pertains to the entire account.</p> <ul style="list-style-type: none"> Account Loop may contain all charges and taxes for the customer's account, e.g., Customer Account Charge, Meter Charge, State Sales Tax, County Tax and generation charges. Account Loop may be used in Rate Ready LDC Consolidated Billing and may contain just account level charges and all taxes, e.g. Customer Account Charge, Meter Charge, State Sales Tax and County Tax, with generation charges itemized in the Rate Loop (IT109=RATE) and/or Unmetered Loop (IT109=UNMET). Account Loop is used in Bill Ready LDC Consolidated Billing and will all account charges and including all generation charges. Bill Ready and Rate Ready data examples at the end of this guide illustrate how to use the Account loop. <p>IT109 = "RATE" when billing information is being provided at a Rate level.</p> <ul style="list-style-type: none"> Rate Loop may be used for Rate Ready LDC Consolidated Billing
Rate Ready – Single IT1 Loop	<ul style="list-style-type: none"> Companies doing Rate Ready billing using only a single IT1 ACCOUNT Loop will not be required to provide the ESP Rate Code (REF*RB) since that code is provided in the RATE level.
Bill Ready – Sequencing Numbers	<ul style="list-style-type: none"> Print sequencing numbers must be unique and sequential within each 810. If print sequencing numbers are not unique and sequential, the billing party will determine the order on the bill (i.e., the 810 will not be rejected because the sequencing numbers are not unique). Not used by PSE&G ETG will use the print sequence numbers to organize the bill print messages.
Budget Billing: Rate Ready Consolidated Billing	<ul style="list-style-type: none"> The <u>Actual</u> charges will be coded with their appropriate code (“A” = Allowance, “C” = Charge, or “N” = No Allowance or Charge) in the SAC01. SAC02 will be set to F950. SAC04 will be set to the appropriate value. The actual charge will be in SAC05. The <u>Budget</u> Amount information will be SAC02 = H151, SAC01 = N, SAC04 = BUD001. The actual charge will be in SAC05.
Late Payment Charges: Rate Ready	<ul style="list-style-type: none"> Late payment charges that the utility applies to the supplier charges must be sent on an 810 transaction. Inclusion of the charges on an 810 indicate an actual assessment of the late payment charges for the previous billing period indicating the customer did not pay the ESP charges in full by the previous billing period due date.
Cancellation Scenarios: Rate Ready	<ul style="list-style-type: none"> The prior 810 will be sent (you must cancel by billing period), however, it is not necessary to include the BAL segments in Rate Ready LDC Consolidated Billing scenario. The values will be identical in sign to what they were on the original bill. The way to indicate the bill is being reversed is through the use of the BIG08 field - value "01". If the LDC does an off-cycle cancel, the 810 cancellation must be sent before the rebill. The rebill will always be coded as an original (BIG08 - "00")

<p>Cancellation Scenarios: Bill Ready – Directly Related to Usage</p>	<p>Depending on whether a GDC is maintaining the suppliers' balance, cancellation scenarios may not be necessary.</p> <p><u>LDC Consolidated with LDC Meter Read:</u></p> <p>1. The 867 cancellation from the LDC will inform the ESP that the billing (810) and usage (867) information is cancelled.</p> <p>1. The 810 cancellation from the ESP to the LDC is optional Day 1. The issue of whether an LDC will process this information will be revisited at a later date.</p> <p><u>Bill Ready Scenarios – ESP Cancels 810 Not Related to Usage</u></p> <p>These scenarios differ by utility and are documented within the state sections.</p>
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New Jersey Notes

Billing Information:	<ul style="list-style-type: none"> • PSE&G - Supports Bill Ready. • New Jersey Natural Gas – Supports Rate Ready. • South Jersey Gas – Supports Rate Ready. • Elizabethtown Gas - Supports Bill Ready.
Calculating Previous Unpaid Balance	<ul style="list-style-type: none"> • For Rate Ready, the billing party has the responsibility of calculating the previous unpaid balance. <ul style="list-style-type: none"> • For Bill Ready, each utility determined whether they would be maintaining the previous unpaid balance. • PSE&G is making the TPS whole and thus will maintain the supplier previous unpaid balance as part of PSE&G's unpaid balance. • ETG maintains the supplier previously unpaid balance. As part of POR, ETG maintains the full customer balance on the account.
Processing Bill Ready Data	<ul style="list-style-type: none"> • PSE&G presents supplier charges on its bill that are included within the first 810 processed by PSE&G, that was received within the bill window. • ETGs bill heading section provides for two lines of aggregated supplier charges – a debit and/or a credit. A supplier can detail the components of their charges in the bill messaging section. (Billing Window- The ESP has a 32 hour billing window to return an 810.)
Cancellations due to usage:	<p><u>LDC Consolidated with LDC Meter Read:</u></p> <ul style="list-style-type: none"> • PSE&G - The 867 will automatically cancel the ESP's 810 charges. The ESP should not send a cancel 810. • ETG will send an 867 cancellation to a TPS. The supplier will be required to send back an 810 cancellation. • ETG will cancel an account based on how the account is billed. ETG will issue separate EDI 867s upon bill cancellation.
Cancellations not directly related to usage:	<ul style="list-style-type: none"> • PSE&G - Supplier must determine what value to place in next 810. PSE&G will ignore an 810 cancel. • ETG- Will accept 810 cancellations (credits), the BIG08 must equal 01 for an 810 cancellation. The 810 cancellation can be sent outside of the billing window if the customer is disputing the TPS charge and this invoice will be added to the next printed bill.
Bill Ready – LDC Consolidated Billing - Supplier Switch	<p>The following outlines the rules each Bill Ready Utility has when there is a supplier switch and the previous ESP misses the billing window.</p> <ul style="list-style-type: none"> • PSE&G – The supplier will be responsible for collection of any outstanding funds due from the customer. If supplier misses bill window on a switch, PSE&G will NOT print original supplier charges on the next bill. • ETG- ESP is responsible for billing any charges that are not sent, if the billing window is missed for an account that is switching.
Bill Ready - Missed Window:	<p>Each utility has distinct rules on how a missed bill window will be handled:</p> <ul style="list-style-type: none"> • PSE&G – will NOT hold charges. The suppliers next month's 810 should include charges for any missed bill windows. PSE&G will only use the LAST 810 received in the Bill Window for charges. • ETG will not accept charges received after the billing window closes. If this occurs, the TPS will be required to send a missed charge in a subsequent billing period. ETG will however accept multiple 810s while the billing window is open. If a supplier misses a billing window and no TPS charge is billed, a notation will appear on the bill that the TPS charge is not included.

<p>Minimum requirements:</p>	<p>Each LDC may allow different fields to be passed. The minimum fields that must be on a New Jersey bill are:</p> <p>PSEG will use the following segments for Bill presentation: Adjustment - SAC05 where SAC04=ADJ000, IT1 loop=ACCOUNT (optional) adjustments must not include payments. Current Charge - SAC05 where SAC04=GEN004, IT1 loop=ACCOUNT (must send) Only one Current Charge per 810 is expected. If additional Current Charges are sent the last Current Charge received in the 810 will be processed. • Total Charge - BAL*M*YB (must send) Total Charge Due must equal the sum of Adjustment and Current Charge.</p> <p>Note: PSE&G will print any PID records up to 60 chars. in length and up to 50 PID loops. PSE&G will ignore any SAC record with SAC04=ADJ002 and also ignores the SAC15.</p> <p>If an ESP is certified for LDC Consolidated Billing, PSE&G will print the following seven items on the PSE&G Bill.</p> <ol style="list-style-type: none"> 1. ESP Name 2. ESP phone number 3. ESP Logo (if ESP is certified for printing Logo) 4. Current Charge 5. Adjustment 6. Total charge (must equal the sum of Adjustment and Current Charge) 7. One Rolling Page containing up to 50 lines of text each containing up to 60 characters <p>Note: Items 1-3 above are not sent via EDI810 but are provided earlier.</p>
<p>ESP Price on Residential Customer Bill (Bill Ready)</p>	<p>New Jersey regulations require the ESP's price for the energy charge be printed on the LDC's consolidated customer invoice for residential customers (C&I optional). To meet this requirement, the following applies to the bill ready LDCs:</p> <ul style="list-style-type: none"> • PSE&G – the ESP must send the charge description in the PID segment to include the price (rate) of the energy charge. PSE&G does not support the use of the SAC15. Any information sent in the SAC15 will not be printed on the customer's consolidated invoice. <p>Each LDC may allow different fields to be passed. The minimum fields that must be on a New Jersey bill are:</p> <p>PSE&G will use the following segments for Bill presentation: Adjustment - SAC05 where SAC04=ADJ000, IT1 loop=ACCOUNT (optional) adjustments must not include payments. Current Charge - SAC05 where SAC04=GEN004, IT1 loop=ACCOUNT (must send) Only one Current Charge per 810 is expected. If additional Current Charges are sent the last Current Charge received in the 810 will be processed. • Total Charge - BAL*M*YB (must send) Total Charge Due must equal the sum of Adjustment and Current Charge.</p> <p>Note: PSE&G will print any PID records up to 80 chars. in length and up to 6 PID loops. PSE&G will ignore any SAC record with SAC04=ADJ002 and also ignores the SAC15. Recheck this-</p> <p>If an ESP is certified for LDC Consolidated Billing, PSE&G will print the following seven items on the PSE&G Bill.</p> <ol style="list-style-type: none"> 1. ESP Name 2. ESP phone number 3. ESP Logo (if ESP is certified for printing Logo) 4. Current Charge

- 5. Adjustment
- 6. Total charge (must equal the sum of Adjustment and Current Charge)
- 7. One Rolling Page containing up to 6 lines of text each containing up to 80 characters

Note: Items 1-3 above are not sent via EDI810 but are provided earlier.

ETG – Bill Presentation ESP Charges: Only one of the following will be accepted per 810

Current Charges (Debit)

BIG08- Original (00)

TDS01- Amount

Adjustments (Credit)

BIG08- Cancellation (01)

TDS01- Amount

Once an ESP is certified for LDC consolidated billing with ETG, the following items will be displayed on the ETG bill.

- 1) ESP Name *
- 2) ESP Phone Number *
- 3) ESP Logo *
- 4) Current Charge
- 5) Adjustments
- 6) Bill Messaging- Each printed bill will contain a maximum of six lines of text no longer than 80 characters in length.

Note (*) The first three items are not sent via the EDI 810 but must be provided at time of registration.

ETG will support up to six PID05 with a maximum of 80 characters when PID06= R1. The first PID loop is for residential customers and must contain the ESP price for the energy charge. ETG will also support the R1 for sequence number and this will be used to organize the messaging on the ETG consolidated bill.

Example charge description: ENERGY CHARGE-100 THERM@0.8391 PER THERM

Budget Billing

Budget Billing for the supplier portion of the bill is not provided on a Utility Consolidated Bill.

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.

Comments:

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

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

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

This section is used to show the individual State's Rules for implementation of this segment.

One or more examples.

Data Element Summary

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

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

Data Dictionary for 810 LDC Consolidated Bill

<i>Appl Field</i>	<i>Field Name</i>	<i>Description</i>	<i>EDI Segment</i>	<i>Related EDI Qualifier</i>	<i>Data Type</i>
HEADER LEVEL BILL INFORMATION					
1.	Bill Date	Date Bill was issued. For Bill Ready Scenarios, this will be the date the bill was created. For Rate Ready Scenarios, this will be the date the bill was issued.	BIG01		9(8)
2.	Bill Number	Unique Number identifying this Bill	BIG02		X(22)
3.	Cross Reference Number	The cross reference number originally transmitted in the 867 in the BPT02.	BIG05		X(30)
4.	Bill Action Code	"FE" - Memorandum, Final Bill Customer account has finalized with the LDC. "ME" - Memorandum	BIG07		X(2)
5.	Bill Purpose	"00" - Original "01" - Cancellation - Cancels an entire Bill "07" - Duplicate - For change of due date only.	BIG08		X(2)
6.	Original Bill Number	The Bill Number (BIG02) from the Original 810 when sending a cancellation Bill.	REF02	BIG08=01 or 17 REF01 = "OI"	X(30)
7.	ESP Account Number	Customer Account Number assigned by ESP	REF02	REF01 = "11"	X(30)
8.	LDC Account Number	LDC Customer Account Number	REF02	REF01 = "12"	X(30)
9.	Billing Cycle	Cycle on which the bill will be rendered. Cycle associated with account.	REF02	REF01 = "BF"	X(2)
10.	Billing Type	Indicates the party that delivers the bill to the end use customer - LDC consolidated Billing (REF02="LDC")	REF02	REF01 = "BLT"	X(3)
11.	Billing Calculation Method	Indicates party to calculate bill. - LDC calculates bill (REF02 = "LDC") - Each calculates their own portion (REF02 = "DUAL")	REF02	REF01 = "PC"	X(4)
12.	LDC Name	LDC's Name	N102	N101 = "8S"	X(60)
13.	LDC Duns	LDC's DUNS Number or DUNS+4 Number	N104	N101 = "8S"	X(13)

14.	ESP Name	ESP's Name	N102	N101 = "SJ"	X(60)
15.	ESP Duns	ESP's DUNS Number or DUNS+4 Number	N104	N101 = "SJ"	X(13)
16.	Customer Name	Customer Name	N102	N101 = "8R"	X(35) Note: X(60) for MD
17.	Store Number	Number assigned by and meaningful to the customer.	N104	N101 = "8R" N103 = "92"	X(20)
18.	Due Date	Payment Due Date for Rate Ready only	ITD06		9(8)
19.	Balance as a Result of Last Billing	Balance of previous period charges prior to applying payments and adjustments for the previous period billing.	BAL03	BAL01 = "P" BAL02 = "YB"	-9(13).99 Explicit Decimal
20.	Balance Prior to Current Billing	This is the balance prior to this billing. If a customer is paid in total, this will be zero.	BAL03	BAL01 = "M" BAL02 = "J9"	-9(13).99 Explicit Decimal
21.	Current Balance	Customer total outstanding balance (previous balance plus current charges)	BAL03	BAL01 = "M" BAL02 = "YB"	-9(13).99 Explicit Decimal
ACCOUNT Level IT1 Loop (Used for Charges that are summarized by Account)					
22.	Line Item Number	Sequential Line Item Counter	IT101		9(20)
23.	Service	Indicates type of service. Will always reflect GAS	IT107	IT106 = "SV"	X(8)
24.	Category of Charge	ACCOUNT - Indicates charges are summarized at an Account level.	IT109	IT108 = "C3"	X(7)
25.	Tax Type	Account Level Taxes - Please see EDI Guideline for valid values.	TXI01		X(2)
PID LOOP within the ACCOUNT Level IT1 Loop (The PID loop may be repeated up to 50 times for PSE&G, up to 6 times for ETG)					
26.	PID Description	Text description for charges or as supporting text	PID05	PID01 = F PID03= EU	X(80)
27.	PID Description Type	Indicates relative print location on bill R1 – Text Supporting Current Charges R2 – Additional Supporting Text	PID06		X(2)
28.	PID Sequence Number	Determines relative placement of text on bill	PID07		9(2)
END of PID LOOP					
29.	Service Period Start	Service Period Starting Date	DTM02	DTM01 = "150"	X(8)
30.	Service Period End	Service Period Ending Date	DTM02	DTM01 = "151"	X(8)
31.	Subline Counter	Sequential Charge Line Item Counter. This segment is used for ANSI purposes and has no relevance in the application system.	SLN01	SLN03 = "A"	9(20)

32.	Allowance or Charge Indicator	"A" - Allowance (Credit to the customer) "C" - Charge "N" - No Charge or Allowance; should be printed but ignored when summing the total	SAC01 Detail Position 230		X(1)
33.	Charge Calculation Determinant	Used to differentiate Rate Ready vs. Bill Ready and Actual Charges vs. Budget Billed. Please see EDI guideline for valid codes.	SAC02		X(4)
34.	Energy Charge Category	Code indicating the type of charge (See segment for Valid Values)	SAC04	SAC03="EU"	X(10)
35.	Charge or Allowance Amount	Dollar amount (credit or debit) for the charge. If dollar amount is negative, the leading negative sign will be sent. If the dollar amount is positive, no leading sign is sent.	SAC05		-9(13)V99 Implied Decimal
36.	Price Per Unit	ESP/LDC price per unit associated with the charge	SAC08		-9(5).9(6) Max 9 digits
37.	Unit of Measure	Unit of measure of above consumption See EDI Guide for valid codes.	SAC09		X(2)
38.	Quantity	Consumption or other "unit" for the charge.	SAC10		9(8).9(4)
39.	Print Sequencing Number	Determines placement of line items on bill	SAC13		9(2)
40.	Charge Description	Bill Ready: Text description for line item charge that will print on the customer's bill. Rate Ready: Text description of the line item charge (refer to SAC04).	SAC15		X(80)
RATE Level IT1 Loop (Used for charges that are summarized by Rate)					
41.	Line Item Number	Sequential Line Item Counter	IT101		9(20)
42.	Service	Indicates type of service. Will always reflect GAS	IT107	IT106 = "SV"	X(8)
43.	Category of Charge	RATE - Indicates charges are summarized at a Rate level.	IT109	IT108 = "C3"	X(5)
44.	Highest Month Average Daily (HMAD)	Customer/Meter average daily usage for month in which they had the highest use per day. This value is initially set and subject to monthly review to determine if changes are warranted based on customer usage	REF02	REF01 = DQ	9(15).99
45.	ESP Rate Code	ESP Rate Code	REF02	REF01 = "RB"	X(30)

46.	Maximum Daily Quantity (MDQ)	Maximum Daily Quantity (MDQ)- This is on the calculated HMAD to derive a value for a customer's peak day usage. Since this is a function of HMAD it also is initially set and subject to monthly review to determine if changes are warranted based on customer usage. This value is a fixed billable unit in NJESP Tariff.	REF02	REF01 = SJ	9(15).99
47.	Service Period Start	Service Period Starting Date	DTM02	DTM01 = "150"	X(8)
48.	Service Period End	Service Period Ending Date	DTM02	DTM01 = "151"	X(8)
49.	Subline Counter	Sequential Charge Line Item Counter. This segment is used for ANSI purposes and has no relevance in the application system.	SLN01	SLN03 = "A"	9(20)
50.	Allowance or Charge Indicator	"A" - Allowance (Credit to the customer) "C" - Charge "N" - No Charge or Allowance; should be printed but ignored when summing the total	SAC01 Detail Position 230		X(1)
51.	Charge Calculation Determinant	Used to differentiate Rate Ready vs. Bill Ready and Actual Charges vs. Budget Billed. Please see EDI guideline for valid codes.	SAC02		X(4)
52.	Energy Charge Category	Code indicating the type of charge (See segment for Valid Values)	SAC04	SAC03="EU"	X(10)
53.	Charge or Allowance Amount	Dollar amount (credit or debit) for the charge. If dollar amount is negative, the leading negative sign will be sent. If the dollar amount is positive, no leading sign is sent.	SAC05		-9(13)V99 Implied Decimal
54.	Price Per Unit	ESP/LDC price per unit associated with the charge	SAC08		-9(5).9(6) Max 9 digits
55.	Unit of Measure	Unit of measure of above consumption. See EDI Guide for valid codes.	SAC09		X(2)
56.	Quantity	Consumption or other "unit" for the charge. Not a total consumption.	SAC10		9(8).9(4)
57.	Print Sequencing Number	Determines placement of line items on bill	SAC13		9(2)
58.	Charge Description	Bill Ready: Text description for line item charge that will print on the customer's bill. Rate Ready: Text description of the line item charge (refer to SAC04).	SAC15		X(80)

SUMMARY SECTION					
59.	Actual Current Total	Total Bill Amount for non-billing party's portion of bill. This does not include arrearages. Even though this segment does not appear at the end of the transaction, it is expected to include all amounts, including those that follow.	TDS01		-9(13)V99 Implied Decimal
60.	Number of IT1 segments	Number of IT1 segments	CTT01		9(6)

810 Invoice

Functional Group ID=**IN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Attributes</u>		<u>Loop Repeat</u>	<u>Notes and Comments</u>
				<u>Des.</u>	<u>Max.Use</u>		
M	010	ST	Transaction Set Header	M	1		
M	020	BIG	Beginning Segment for Invoice	M	1		
Used	050	REF	Reference Identification (OI = Original Invoice Number)	O	12		
Used	050	REF	Reference Identification (11 = ESP Account Number)	O	12		
Used	050	REF	Reference Identification (12 = GDC Account Number)	O	12		
Used	050	REF	Reference Identification (BF = Billing Cycle)	O	12		
Used	050	REF	Reference Identification (BLT = Billing Type)	O	12		
Used	050	REF	Reference Identification (PC = Calculates Charges)	O	12		
						LOOP ID - N1	200
Used	070	N1	Name (8S = GDC Name)	O	1		
						LOOP ID - N1	200
Used	070	N1	Name (SJ = ESP Name)	O	1		
						LOOP ID - N1	200
Used	070	N1	Name (8R = Customer Name)	O	1		
Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
Used	212	BAL	Balance Detail (P*YB = Previous Balance)	O	>1		
Used	212	BAL	Balance Detail (M*J9 = Balance prior to billing)	O	>1		
Used	212	BAL	Balance Detail (M*YB = Balance after billing)	O	>1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Attributes</u>		<u>Loop Repeat</u>	<u>Notes and Comments</u>
				<u>Des.</u>	<u>Max.Use</u>		
						LOOP ID - IT1	200000
Used	010	IT1	Baseline Item Data (Invoice)	O	1		
						LOOP ID - PID	1000
Used	060	PID	Product/Item Description	O	1		
Used	150	DTM	Date/Time Reference (150 = Service Period Start)	O	10		
Used	150	DTM	Date/Time Reference (151 = Service Period	O	10		

			End)		
			LOOP ID - SLN 1000		
Used	200	SLN	Subline Item Detail	O	1
Used	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25
			LOOP ID - IT1 200000		
Used	010	IT1	Baseline Item Data (Invoice) (Rate Level Loop)	O	1
Used	120	REF	Reference Identification (DQ = Highest Monthly Average Daily (HMAD))	O	>1
Used	120	REF	Reference Identification (RB = ESP Rate Code for the Customer)	O	>1
Used	120	REF	Reference Identification (SJ = Maximum Daily Quantity (MDQ))	O	>1
Used	150	DTM	Date/Time Reference (150 = Service Period Start)	O	10
Used	150	DTM	Date/Time Reference (151 = Service Period End)	O	10
			LOOP ID - SLN 1000		
Used	200	SLN	Subline Item Detail	O	1
Used	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Attributes Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	TDS	Total Monetary Value Summary	M	1		
Used	070	CTT	Transaction Totals	O	1		n1
M	080	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

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
Comments:
Business Rules: Variable Name: STST
Notes: NJ Use: Required
 Example: ST*810*00000001

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			810 Invoice	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set	
			functional group assigned by the originator for a transaction set	

Segment: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates
Comments: 1 BIG07 is used only to further define the type of invoice when needed.

Notes: NJ Use: Required
 Note:
 PSE&G will only process transactions with BIG08="00"
 PSE&G will reject with transaction 824 if BIG05 not provided

 ETG will process transactions with BIG08-"00 and 01" only
 ETG will reject with transaction 824 if BIG05 is not provided
 ETG only supports BIG07 = ME

 Example: BIG*20120201*20120201123500001***2048392934504**ME*00

Data Element Summary

Ref.	Data Element	Name	Attributes
M	BIG01	373 Date	M DT 8/8
		Date expressed as CCYYMMDD Date the bill was issued (rate ready) or created (bill ready).	
M	BIG02	76 Invoice Number	M AN 1/22
		Identifying number assigned by issuer	
M/U	BIG05	328 Release Number	O AN 1/30
		Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction The cross-reference number originally transmitted in the 867 in the BPT02 must be sent in the BIG05.	
O	BIG07	640 Transaction Type Code	O ID 2/2
		Code specifying the type of transaction FE Memorandum, Final Bill This is to designate this is the final usage data being sent for this customer. Customer account has finalized with the utility or the customer has switched Mandatory for Rate Ready Billing ME Memorandum	
M/U	BIG08	353 Transaction Set Purpose Code	O ID 2/2
		Code identifying purpose of transaction set 00 Original 01 Cancellation Cancels an entire invoice not supported by PSEG. 07 Duplicate	

This code will be used only in a Rate Ready scenario when the LDC changes the bill due date for the customer. The LDC will send an 810 to the ESP, the only things changing from the original 810 are the duplicate code and the due date.

PSE&G will not use

PSE&G and ETG will not use

17

Cancel, to be Reissued

Reversal – used when 810 cancellation is not related to usage. (Bill Ready only)

PSE&G & ETG will not use

18

Reissue

Used in combination with code 17 – Reversal, to re-bill the charges that were previously reversed. (Bill Ready only)

PSE&G and ETG will not use

Segment: **REF** Reference Identification (OI = Original Invoice Number)
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Comments:

Notes: NJ Use: Optional. This will eventually be a required field. If you can provide it immediately, please do so. Not supported by PSE&G as they do not support cancels. ETG will accept but does not process or validate. Provided by SJG and NJNG.

Example: REF*OI*123456789019990102

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification OI Original Invoice Number Sent when BIG08 = 01. This will eventually be a required field. If you can provide it immediately, please do so.	M ID 2/3
O	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **REF** Reference Identification (11 = ESP Account Number)
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information

Comments:
Notes: NJ Use: Required if it was provided previously. Not supported by ETG
 Example: REF*11*395871290

Data Element Summary

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

Segment: **REF** Reference Identification (12 = GDC Account Number)
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Comments:
Notes:

NJ Use: Required
 Example: REF*12*39205810578

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 12 Billing Account GDC-assigned account number for the end use customer. Must be identical to account number as it appears in the GDC system, excluding punctuation (spaces, dashes, etc.) Significant leading and trailing zeros must be included.	M ID 2/3
M/U	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **REF** Reference Identification (BF = Billing Cycle)
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Comments:

Notes: NJ Use: Rate Ready: Required
 Bill Ready: Not Used
 Example: REF*BF*21

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01 128	Reference Identification Qualifier Code qualifying the Reference Identification BF Billing Center Identification Billing cycle. Cycle number when the billing will be rendered.	M ID 2/3
M/U	REF02 127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **REF** Reference Identification (BLT = Billing Type)
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Comments:
Notes: NJ Use: Required. ETG will accept but not process or validate.
 Example: REF*BLT*LDC

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BLT Billing Type Identifies the party that sends the bill to the end use customer	M ID 2/3
M/U	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is BLT, valid values for REF02 are: LDC (meaning the utility [GDC] bills the customer) IF ... Bills the Calculates Billing Party Calc. Party Customer GDC PortionESP Portion REF*BLT REF*PC GDC Rate Ready GDC GDC GDC LDC LDC GDC Bill Ready GDC GDC ESPLDC DUAL	X AN 1/30

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

Segment: **REF** Reference Identification (PC = Calculates Charges)
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Comments:
Notes: NJ Use: Required
 Example: REF*PC*DUAL

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification PC Production Code Identifies the party that calculates the bill.	M ID 2/3
M/U	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is PC, valid values for REF02 are: LDC (meaning the utility [GDC] calculates the charges on the bill) DUAL (meaning each party calculates their own portion of the charges) IF ... Bills the Calculates Billing Party Calc. Party Customer GDC PortionESP Portion REF*BLT REF*PC GDC Rate Ready GDC GDC GDC LDC LDC GDC Bill Ready GDC GDC ESPLDC DUAL	X AN 1/30

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

Segment: **N1** Name (8S = GDC Name)
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Comments:

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

Notes:

NJ Use: Required

Example: N1*8S*GDC COMPANY*1*007909411

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		8S Consumer Service Provider (CSP)	
		GDC	

Segment: **N1** Name (SJ = ESP Name)
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.
Notes: NJ Use: Required
 Example: N1*SJ*ESP COMPANY*9*007909422ESP

Data Element Summary

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

Segment: **N1** Name (8R = Customer Name)
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.
Notes: N J Use: Required. ETG will accept but does not process or validate.
 Example: N1*8R*JANE DOE*92*2010

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		8R Consumer Service Provider (CSP) Customer End Use Customer	
M/U	N102	93 Name	X AN 1/60
		Free-form name	
		Customer Name as it appears in the GDC System and on the Customer's bill.	
O	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		92 Assigned by Buyer or Buyer's Agent Reference number meaningful to the customer.	
O	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
		Reference number meaningful to the customer. Note that this number is assigned by the GDC and may or may not be applicable to the ESP.	

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify terms of sale
Comments: 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes: NJ Use: Rate Ready: Required if not purchasing receivables
 Bill Ready: Not Used
 Example: ITD*****19990220

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M/U	<u>Des.</u> ITD06	<u>Element</u> 446 <u>Terms Net Due Date</u>	<u>O</u> DT 8/8
		Date when total invoice amount becomes due expressed in format CCYYMMDD	
		Payment due date (if applicable). Format: CCYYMMDD	

Segment: **BAL** Balance Detail (P*YB = Previous Balance)
Position: 212
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify the specific monetary balances associated with a particular account
Comments:

Notes: NJ Use: Rate Ready: Required if not purchasing Receivables
 Bill Ready: Required if LDC is not maintaining supplier balance.
 Note PSE&G and ETG will not validate or process this data..
 Example: BAL*P*YB*500.00

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BAL01	951	Balance Type Code Code indicating the type of balance P Previous Month Balance of previous period charges prior to applying payments and adjustments for the previous period billing	M ID 1/2
M	BAL02	522	Amount Qualifier Code Code to qualify amount YB Actual Unpaid Principal Balance	M ID 1/3
M	BAL03	782	Monetary Amount Monetary amount	M R 1/18

Segment: **BAL** Balance Detail (M*J9 = Balance prior to billing)
Position: 212
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify the specific monetary balances associated with a particular account
Comments:

Notes: NJ Use: Rate Ready: Required if not purchasing Receivables
 Bill Ready: Required if LDC is NOT maintaining supplier balance (Not used if LDC is maintaining supplier balance).
 Note: Note PSE&G and ETG will not validate or process this data..
 Example: BAL*M*J9*225.00

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	BAL01	951	Balance Type Code	M ID 1/2
			Code indicating type of balance	
			M Current Month	
			This is the balance prior to this billing. If a customer is paid in total, this will be zero. NJ Use: This reflects the past due amount	
M	BAL02	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			J9 Beginning Balance	
M	BAL03	782	Monetary Amount	M R 1/18
			Monetary Amount	

Segment: **BAL** Balance Detail (M*YB = Balance after billing)
Position: 212
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify the specific monetary balances associated with a particular account
Comments:
Notes:

NJ Use: Rate Ready: Required for all except the cancel 810.
 Bill Ready Required if LDC is NOT maintaining supplier balance. Not used if the LDC is maintaining the supplier balance.
 Note: Required by PSE&G - this value must equal the sum of the current charges (SAC05 where SAC04=GEN004) and adjustments (SAC05 where SAC04=ADJ000)
 ETG will accept but not process or validate.
 Example: BAL*M*YB*325.00

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	BAL01	951	Balance Type Code Code indicating the type of balance M Current Month	M ID 1/2
M	BAL02	522	Amount Qualifier Code Code to qualify amount YB Actual Unpaid Principal Balance	M ID 1/3
M	BAL03	782	Monetary Amount Monetary Amount	M R 1/18

The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing period charges.

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 010
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions
Comments: 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: Notes: ACCOUNT: Used to convey charges that apply to the entire account.
 Note: If tax is the only information conveyed in this loop, the SLN and SAC segments should not be sent.
 Note: IT1 loops may be sent in any order.
 There may only be ONE IT1 ACCOUNT Loop
 NJ Use: This loop is required to identify whether this is an electric or gas transaction. The ACCOUNT loop is the only one used for Bill Ready.
 Examples: IT1*1*****SV*GAS*C3*ACCOUNT

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M/U	IT101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set Sequential Line item counter	O AN 1/20
M/U	IT106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) SV Service Rendered	X ID 2/2
M/U	IT107	234	Product/Service ID Identifying number for a product or service GAS	X AN 1/48
M/U	IT108	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) C3 Classification	X ID 2/2
M/U	IT109	234	Product/Service ID Identifying number for a product or service ACCOUNT - Indicates that charges pertain to the account level.	X AN 1/48

Segment: **PID** **Product/Item Description**
Position: 060
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Comments:

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Notes: Notes: Used to provide required IT1 level billing messages.
 NJ Use:
 Not used In Rate Ready
 Conditionally available by utility in Bill Ready:
 - PSE&G - Required to convey the TPS price on the consolidated customer bill for residential customers, C&I optional. See New Jersey Notes Section)
 - PSE&G will support up to 60 chars in PID05 when PID06=R1 or R2 and PSE&G will support up to 50 PID loops
 - ETG will support up to six PID05 with a maximum of 80 characters when PID06= R1. The first PID loop is for residential customers and must contain the ESP price for the energy charge. ETG will also support the R1 for sequence number and this will be used to organize the messaging on the ETG consolidated bill.
 Example:
 PID*F**EU** ENERGY CHARGE-60KWH@0.099833 PER KWH *R1*01

Data Element Summary

Ref.	Data	Element	Name	Attributes
M	PID01	349	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
M/U	PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values EU Electric Utilities Note: EU code will be used for natural gas	X ID 2/2
M/U	PID05	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
M/U	PID06	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described R1 Relative Position 1 R2 Relative Position 2	O ID 2/2
O	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier Relative sequence number for printing Note: Required by PSE&G if segment is sent	O AN 1/15

ETG- R1 is supported and will process to organize messaging on the ETG bill.

Segment: **DTM** **Date/Time Reference (150 = Service Period Start)**
Position: 150
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Comments:

Notes: NJ Use: Rate Ready -Required,- Must match the service period dates in PTD*SU loop from the 867 transaction.
 Bill Ready - PSE&G will validate this field. ETG will accept but not process or validate
 Example: DTM*150*20120102

Data Element Summary

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

Segment: **DTM** **Date/Time Reference (151 = Service Period End)**
Position: 150
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Comments:

Notes: NJ Use: Rate Ready -Required,- Must match the service period dates in PTD*SU loop from the 867 transaction.
 Bill Ready - PSE&G will validate this field. ETG will accept but not process or validate
 Example: DTM*151*20120201

Data Element Summary

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

Segment: **SLN** Subline Item Detail
Position: 200
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Comments:

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number.
Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
- 3 SLN09 through SLN28 provide for ten different product/service IDs for each item.
For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: Notes: The IT1/SLN segment (Position 200) is used to overcome the limitation of 25 IT1/SAC loops (Position 180). Each SLN loop will only contain one SAC. Multiple charges/allowances require multiple SLN loops.
NJ Use: Required if sending any SAC segments
Example: SLN*1**A

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set Used as a loop counter	M AN 1/20
M	SLN03	662	Relationship Code Code indicating the relationship between entities A Add	M ID 1/1

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 230
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Comments:

- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
- 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes:

Notes: Each SLN loop will contain only one SLN and one SAC. Multiple charges/allowances require multiple SLN loops.
 NJ Use: Required
 SAC08, 09, 10, 13, 15 are conditional, they must be provided if the charge in the SAC05 is based on a rate. The SAC05 is mandatory in all cases.

Note: SAC03/SAC04 are only used for Rate Ready.

Bill Ready: PSE&G: SAC01, 02, 03, 04, 05 are required. PSE&G does not print information sent in the SAC15, uses PID segment. (See New Jersey Notes section). PSE&G will reject 810 transactions with multiple adjustment lines (ADJ000) in the SAC segment.

SAC04 values: In addition to being used for Rate Ready, some utilities may require this in Bill Ready to distinguish charges:
 - PSE&G - SAC04 is required. ADJ000, GEN004 are valid values.

Bill Ready: ETG- will accept SAC01, 02, 03, 04 and 05 but not process or validate

Bill Ready:
 SAC*C*D140***500***5.00*MO*1***2**CUSTOMER CHARGES: \$5.00

Rate Ready:
 SAC*C*F950*EU*BAS001*500***5.00*MO*1*****CUSTOMER CHARGE

Data Element Summary

Ref.	Data Element	Name	Attributes
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	
		N No Allowance or Charge	
		The amount in the SAC05 will be ignored when summing the invoice total. PSE&G accepts only "C" ETG will only accept but not process	

M/U	SAC02	1300	Service, Promotion, Allowance, or Charge Code X ID 4/4 Code identifying the service, promotion, allowance, or charge D140 Bill Ready - Actual Charges F950 Rate Ready - Actual Charges H151 Rate Ready - Budget Billed Charges
D	SAC03	559	Agency Qualifier Code X ID 2/2 Code identifying the agency assigning the code values EU Electric Utilities <div style="background-color: #cccccc; padding: 2px;">Note: EU code will be used for natural gas</div>
D	SAC04	1301	Energy Charges X AN 1/10 NJ: In addition to being used for Rate Ready, some utilities may require this in Bill Ready to distinguish charges: • PSE&G- SAC04 is required. ADJ000, GEN004 are only valid values. <div style="background-color: #cccccc; padding: 5px; margin-top: 5px;">ADJ000 Adjustments / Payments ADJ002 Adjustment BAS001 Customer Charge BUD001 Current Budget Charge DMD001 Demand Charge GEN002 Generation Charge - Measured GEN003 Generation Charge - Adjusted GEN004 Generation Charge - Billed GTC002 Generation/Transmission Charge - Measured GTC003 Generation/Transmission Charge - Adjusted GTC004 Generation/Transmission Charge - Billed GTC005 Generation/Transmission Charge - On Peak GTC006 Generation/Transmission Charge - Off Peak LPC001 Late Payment Charge TRN002 Transmission Charge - Measured TRN003 Transmission Charge - Adjusted TRN004 Transmission Charge - Billed</div>
M/U	SAC05	610	Amount O N2 1/15 Monetary amount <div style="background-color: #cccccc; padding: 2px;">This field stands on its own and will be signed if it is negative. The SAC01 is NOT used to determine the sign in the SAC05. ETG- We will accept but not process or validate</div>
D	SAC08	118	Rate O R 1/9 Rate expressed in the standard monetary denomination for the currency specified <div style="background-color: #cccccc; padding: 2px;">PSE&G and ETG do not use</div>
D	SAC09	355	Unit or Basis for Measurement Code X ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <div style="background-color: #cccccc; padding: 2px;">ETG does not use</div> TD Therms
D	SAC10	380	Quantity X R 1/15 Numeric value of quantity
D	SAC13	127	Reference Identification X AN 1/30 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

D	SAC15	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			PSE&G and ETG do not use	
			For NJNG contains meter number	

Segment: **IT1** **Baseline Item Data (Invoice) (Rate Level Loop)**
Position: 010
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions
Comments: 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: NJ Use: At least one type of loop is Required. Required for Rate Ready only.
 Example: IT1*1*****SV*ELECTRIC*C3*RATE

Data Element Summary

Ref.	Data Des.	Element	Name	Attributes
M	IT101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set Sequential Line item counter	M AN 1/20
M/U	IT106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) SV Service Rendered	X ID 2/2
M/U	IT107	234	Product/Service ID Identifying number for a product or service GAS	X AN 1/48
M/U	IT108	235	Product/Service ID Code identifying the type/source of the descriptive number used in Product/Service ID (234) C3 Classification	X ID 2/2
M/U	IT109	234	Product/Service ID Identifying number for a product or service RATE - Indicates that charges are summarized at a rate level.	X AN 1/48

Segment: **REF** Reference Identification (DQ = Highest Monthly Average Daily (HMAD))
Position: 120
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Comments:
Notes: NJ Use: Used by New Jersey Natural Gas Only

Example: REF*DQ*10.9

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification DQ Delivery Quote Number Highest Month Average Daily (HMAD) Customer/Meter average daily usage for month in which they had the highest use per day. This value is initially set and subject to monthly review to determine if changes are warranted based on customer usage	M ID 2/3
M/U	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **REF** Reference Identification (RB = ESP Rate Code for the Customer)
Position: 120
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Comments:
Notes: NJ Use: Rate Ready: Optional when IT109 = RATE
 Bill Ready: Not Used
 Example: REF*RB*A29

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Code Code qualifying the Reference Identification RB ESP Rate Code for the Customer	M ID 2/3
M/U	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **REF** Reference Identification (SJ = Maximum Daily Quantity (MDQ))
Position: 120
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Comments:
Notes: NJ Use: Used by New Jersey Natural Gas Only

Example: REF*SJ*10.9

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Code Code qualifying the Reference Identification SJ Set Number Maximum Daily Quantity (MDQ)- This is on the calculated HMAD to derive a value for a customer's peak day usage. Since this is a function of HMAD it also is initially set and subject to monthly review to determine if changes are warranted based on customer usage. This value is a fixed billable unit in NJNG's Tariff.	M ID 2/3
M/U	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **DTM** **Date/Time Reference (150 = Service Period Start)**
Position: 150
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Comments:

Notes: NJ Use: Required- Must match the service period dates in PTD*SU loop from the 867 transaction.
 Example: DTM*150*20120102

Data Element Summary

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

Segment: **DTM** **Date/Time Reference (151 = Service Period End)**
Position: 150
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Comments:

Notes: NJ Use: Required- Must match the service period dates in PTD*SU loop from the 867 transaction.
 Example: DTM*151*20120201

Data Element Summary

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

Segment: **SLN** Subline Item Detail
Position: 200
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Comments:

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number.
Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
- 3 SLN09 through SLN28 provide for ten different product/service IDs for each item.
For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: Notes: The IT1/SLN segment (Position 200) is used to overcome the limitation of 25 IT1/SAC loops (Position 180). Each SLN loop will only contain one SAC. Multiple charges/allowances require multiple SLN loops.
NJ Use: Required if sending any SAC segments
Example: SLN*1**A

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set Used as a loop counter	M AN 1/20
M	SLN03	662	Relationship Code Code indicating the relationship between entities A Add	M ID 1/1

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 230
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Comments:

- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
- 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: NJ Use: Required for Rate Ready only

SAC08, 09, 10, 13, 15 are conditional, they must be provided if the charge in the SAC05 is based on a rate. The SAC05 is mandatory in all cases. Note: SJG uses SAC04 ADJ000 for both Payments and Adjustments.

Example:
SAC*C*F950*EU*GEN004*4539***.03678*KH*1234*****GENERATION CHARGE

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
		A	Allowance	
		C	Charge	
		N	No Allowance or Charge	
			The amount in the SAC05 will be ignored when summing the invoice total. PSE&G accepts only "C"	
M/U	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
		D140	Bill Ready - Actual Charges	
		F950	Rate Ready - Actual Charges	
		H151	Rate Ready - Budget Billed Charges	
M/U	SAC03	559	Agency Qualifier Code (Used for Rate Ready Only)	X ID 2/2
			Code identifying the agency assigning the code values	
		EU	Electric Utilities	
			Note: EU code will be used for natural gas	
D	SAC04	1301	Energy Charges	X AN 1/10
			NJ: In addition to being used for Rate Ready, some utilities may require this in	

Bill Ready to distinguish charges:

ADJ000	Adjustments / Payments
ADJ002	Adjustment
BAS001	Customer Charge
BUD001	Current Budget Charge
DMD001	Demand Charge
GEN002	Generation Charge - Measured
GEN003	Generation Charge - Adjusted
GEN004	Generation Charge - Billed
GTC002	Generation/Transmission Charge - Measured
GTC003	Generation/Transmission Charge - Adjusted
GTC004	Generation/Transmission Charge - Billed
GTC005	Generation/Transmission Charge - On Peak
GTC006	Generation/Transmission Charge - Off Peak
LPC001	Late Payment Charge
TRN002	Transmission Charge - Measured
TRN003	Transmission Charge - Adjusted
TRN004	Transmission Charge - Billed

M/U	SAC05	610	Amount Monetary Amount This field stands on its own and will be signed if it is negative. The SAC01 is NOT used to determine the sign in the SAC05.	O N2 1/15
D	SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
D	SAC09	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken TD Therms	X ID 2/2
D	SAC10	380	Quantity Numeric value of quantity	X R 1/15
D	SAC13	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Used to assign a print sequencing number to determine the order that the line item will appear on the bill. Not used for Rate Ready billing.	X AN 1/30
D	SAC15	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **TDS** Total Monetary Value Summary
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Comments: 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Notes: Notes: TDS01 is the total amount due for this invoice and must equal the algebraic sum of the amounts in the TXI02 and SAC05 segments with the exception of any charges that are designated to be ignored in the calculation in the TXI07 or SAC01. If this amount is negative, send the minus sign.
 NJ Use: Required - The TDS will be the sum of all of the SAC lines. It will not necessarily equal the total charges sent for the current month. For instance, any adjustments sent in Bill Ready for PSE&G will be included in the TDS.
 ETG- This should equal the sum of the current charges. ETG will not validating the summing of multiple SAC05 lines. The TDS01 amount is what will be used to print on the consolidated bill. ETG will maintain the ESP previous balance. A negative debit charge is not acceptable, only credits can be negative.
 Example: TDS*10000 Note: This represents \$100.00 - there is an implied decimal.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<u>Des.</u> TDS01	<u>Element</u> 610 Amount Monetary amount	M N2 1/15

Segment: **CTT** Transaction Totals
Position: 070
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.
Notes: NJ Use: Required
 Example: CTT*4

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<u>Des.</u> CTT01	<u>Element</u> 354 <u>Name</u> Number of Line Items	<u>Attributes</u> M N0 1/6
Total number of line items in the transaction set			
The number of IT1 segments.			

Segment: **SE** Transaction Set Trailer
Position: 080
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Comments: 1 SE is the last segment of each transaction set.
Notes: NJ Use: Required
 Example: SE*28*00000001

Data Element Summary

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

PSE&G 810

LDC Consolidated Bill Ready

Original

Heading:

Segment Contents	Element Description
ST*810*903169231	Transaction Set Identifier Code: 810 , LDC Consolidated Bill <i>Transaction Set Control Number: 903169231, Identifying Control Number</i>
BIG*20130209*130400003498067***030650411607**ME*00	Invoice Date: 20130209 , Date bill was issued Invoice Number: 130400003498067 Release Number: 030650411607 , Cross Reference Number of 867 Transaction Type Code: ME , Memorandum Transaction Set Purpose Code: 00 , Original

Account Level Information:

Segment Contents	Element Description
REF*12*PG00001181111111111111	Reference Identification Qualifier: 12 , Billing Account Reference Identification: PG00001181111111111111 , GDC Account Number
REF*PC*DUAL	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: DUAL
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: DUAL
N1*8R*JANE DOE	Entity Identifier Code: 8R , End Use Customer Name: JANE DOE , Customer Name
N1*8S*PUBLIC SERVICE ELECTRIC AND GAS COMPANY - GAS*9*006973812GASP	Entity Identifier Code: 8S , Consumer Service Provider Name: PSE&G , GDC Name Identification Code Qualifier: 9 , D-U-N-S+4, D-U-N-S Number with Four Character Suffix Identification Code: 006973812GASP , DUNS Number
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP Company Name , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
BAL*M*YB*2.11	Balance Type Code, M , Current Month Amount Qualifier Code, YB , Actual Unpaid Principal Balance Monetary Amount, 2.11

Account Level Charges

Segment Contents	Element Description
IT1*1*****SV*GAS*C3*ACCOUNT	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, ACCOUNT
PID**EU**GENERATION 4.222 THERMS @ 0.499*R1*1	Product/Item Description Type, F , Free-form Agency Qualifier Code, EU , Electric Utilities (used even though Gas) Description, GENERATION 4.222 THERMS @ 0.499 , Supplier Rate Information Surface/Layer/Position Code, R1 , Relative Position 1 Source Subqualifier, 1 , Relative Sequence Number for Printing
DTM*150*20130202	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20130106
DTM*151*20130206	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20130206
SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add
SAC*C*D140*EU*GEN004*211*****GENERATION 4.222 THERMS @ 0.499	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, D140 , Bill Ready – Actual Charges Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, GEN004, Generation Charge – Billed Amount, 211 , Description, GENERATION 4.222 THERMS @ 0.499 , (Note, PSEG does not print this on the bill)

Summary:

Segment Contents	Element Description
TDS*211	Total Monetary Value Summary, 211
CTT*1	Transaction Totals, 1
SE*18*903169231	Transaction Set Identifier Code: 18 , <i>No. Of Included Segments</i> Transaction Set Control Number: 903169231 , <i>Identifying Control Number</i>

PSE&G 810
LDC Consolidated Bill Ready
Original with Adjustment
Heading:

Segment Contents	Element Description
ST*810*014123797	Transaction Set Identifier Code: 810 , LDC Consolidated Bill Transaction Set Control Number: 014123797 , Identifying Control Number
BIG*20130131*60000114232***000104606106**ME*00	Invoice Date: 20130131 , Date bill was issued Invoice Number: 60000114232 Release Number: 000104606106 , Cross Reference Number of 867 Transaction Type Code: ME , Memorandum Transaction Set Purpose Code: 00 , Original

Account Level Information:

Segment Contents	Element Description
REF*12*PG00001181111111111111	Reference Identification Qualifier: 12 , Billing Account Reference Identification: PG00001181111111111111 , GDC Account Number
REF*BLT*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: DUAL
REF*PC*DUAL	Reference Identification Qualifier: BLT , Billing Type Reference Identification: DUAL
N1*8S*PUBLIC SERVICE ELECTRIC AND GAS COMPANY - GAS*9*006973812GASP	Entity Identifier Code: 8R , End Use Customer Name: JANE DOE , Customer Name
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: 8S , Consumer Service Provider Name: PSE&G , GDC Name Identification Code Qualifier: 9 , D-U-N-S+4, D-U-N-S Number with Four Character Suffix Identification Code: 006973812GASP , DUNS Number
N1*8R*JANE DOE	Entity Identifier Code: SJ , Service Provider Name: ESP Company Name , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
BAL*M*YB*388.61	Balance Type Code, M , Current Month Amount Qualifier Code, YB , Actual Unpaid Principal Balance Monetary Amount, 388.61

Account Level Charges

Segment Contents	Element Description
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IT1*1*****SV*ELECTRIC*C3*ACCOUNT	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, ACCOUNT
PID*F**EU**GENERATION: 4500.00000 KWH AT 0.11440 PER KWH*R1*1	Product/Item Description Type, F , Free-form Agency Qualifier Code, EU , Electric Utilities (used even though Gas) Description, GENERATION: 4500.00000 KWH AT 0.11440 PER KWH , Supplier Rate Information Surface/Layer/Position Code, R1 , Relative Position 1 Source Subqualifier, 1 , Relative Sequence Number for Printing
DTM*150*20121215	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20121215
DTM*151*20130114	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20130114
SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add
SAC*C*D140*EU*GEN004*51480*****1**GENERATION: 4500.00000 KWH AT 0.11440 PER KWH	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, D140 , Bill Ready – Actual Charges Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, GEN004 , Generation Charge – Billed Amount, 211 , Description, GENERATION: 4500.00000 KWH AT 0.11440 PER KWH , (Note, PSEG does not print this on the bill)
SLN*2**A	Assigned Identification, 2 , Loop Counter Relationship Code, A , Add
SAC*C*D140*EU*ADJ000*-12619*****2**GENERATION: 4500.00000 KWH AT 0.11440 PER KWH	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, D140 , Bill Ready – Actual Charges Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, ADJ000 , Adjustment/Payment Amount, -12619 , Description, GENERATION: 4500.00000 KWH AT 0.11440 PER KWH , (Note, PSEG does not print this on the bill)

Summary:

Segment Contents	Element Description
TDS*38861	Total Monetary Value Summary, 38861

CTT*1	Transaction Totals, 1
SE*20*014123797	Transaction Set Identifier Code: 20 , No. Of Included Segments Transaction Set Control Number: 14123797 , Identifying Control Number

**Elizabethtown Gas 810
LDC Bill Ready**

Original

Heading:

Segment Contents	Element Description
ST*810*123456789	Transaction Set Identifier Code: 810 , LDC Consolidated Bill Transaction Set Control Number: 123456789 , Identifying Control Number
BIG*20130827*130400003498067***NUI12345678900123456789**ME*00	Invoice Date: 20130827 , Date bill was issued Invoice Number: 130400003498067 Release Number: NUI12345678900123456789 , Cross Reference Number of 867 Transaction Type Code: ME , Memorandum Transaction Set Purpose Code: 00 , Original

Account Level Information:

Segment Contents	Element Description
REF*12*3456789123	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 3456789123 , GDC Account Number
REF*PC*DUAL	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: DUAL
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
N1*8R*JANE DOE	Entity Identifier Code: 8R , End Use Customer Name: JANE DOE , Customer Name
N1*8S*Elizabethtown Gas Co*9*056711344	Entity Identifier Code: 8S , Consumer Service Provider Name: ETG , GDC Name Identification Code Qualifier: 9 , D-U-N-S Identification Code: 056711344 , DUNS Number
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP Company Name , ESP Name Identification Code Qualifier: 1 , DUNS Number, Dun & Bradstreet Identification Code: 012345678 , DUNS Number (9

	digits)
BAL*M*YB*2.11	Balance Type Code, M , Current Month Amount Qualifier Code, YB , Actual Unpaid Principal Balance Monetary Amount, 2.11

Account Level Charges

Segment Contents	Element Description
IT1*1*****SV*GAS*C3*ACCOUNT	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, ACCOUNT
PID*F**EU** GENERATION 12.55 THERMS @ 0.534 *R1*1	Product/Item Description Type, F , Free-form Agency Qualifier Code, EU , Electric Utilities (used even though Gas) Description, GENERATION 12.55 THERMS @ 0.534 , Supplier Rate Information Surface/Layer/Position Code, R1 , Relative Position 1 Source Sub-qualifier, 1 , Relative Sequence Number for Printing
DTM*150*20130726	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20130726
DTM*151*20130826	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20130826
SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add
SAC*C*D140*EU*GEN004*681***** GENERATION 12.55 THERMS @ 0.534	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, D140 , Bill Ready – Actual Charges Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, GEN004, Generation Charge – Billed Amount, 681 , Description, GENERATION 12.55 THERMS @ 0.534 ,

	(Note, ETG does not print this on the bill)
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Summary:

Segment Contents	Element Description
TDS*681	Total Monetary Value Summary, 681
CTT*1	Transaction Totals, 1
SE*18*123456789	Transaction Set Identifier Code: 18 , <i>No. Of Included Segments</i> Transaction Set Control Number: 123456789 , <i>Identifying Control Number</i>

Elizabethtown Gas Co. (ETG) 810**LDC Consolidated Bill Ready**

Cancellation(Note: If a TPS sends an 810 cancellation, a notation is made in the bill print header indicating that the line item on the bill is a TPS gas credit)

Heading:

Segment Contents	Element Description
ST*810*123456788	Transaction Set Identifier Code: 810 , LDC Consolidated Bill Transaction Set Control Number: 123456788 , Identifying Control Number
BIG*20130725*130400003498068***NUI123456789001 23456788**ME*01	Invoice Date: 20130725 , Date bill was issued Invoice Number: 130400003498068 Release Number: NUI12345678900123456788 , Cross Reference Number of 867 Transaction Type Code: ME , Memorandum Transaction Set Purpose Code: 01 , Cancellation

Account Level Information:

Segment Contents	Element Description
REF*12*3456789123	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 3456789123 , GDC Account Number
REF*PC*DUAL	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: DUAL

REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
N1*8R*JANE DOE	Entity Identifier Code: 8R , End Use Customer Name: JANE DOE , Customer Name
N1*8S*Elizabethtown Gas Co*9*056711344	Entity Identifier Code: 8S , Consumer Service Provider Name: ETG , GDC Name Identification Code Qualifier: 9 , D-U-N-S Identification Code: 056711344 , DUNS Number
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP Company Name , ESP Name Identification Code Qualifier: 1 , DUNS Number, Dun & Bradstreet Identification Code: 012345678 , DUNS Number (9 digits)
BAL*M*YB*10.57	Balance Type Code: M , Current Month Amount Qualifier Code: YB , Actual Unpaid Principal Balance Monetary Amount: 10.57

Account Level Charges

Segment Contents	Element Description
IT1*1*****SV*GAS*C3*ACCOUNT	Assigned Identification: 1 , Sequential Line Item Counter Product/Service ID Qualifier: SV , Service Rendered Product/Service ID: GAS Product/Service ID Qualifier: C3 , Classification Product/Service ID: ACCOUNT
PID*F**EU** Cancellation of Bill *R1*1	Product/Item Description Type: F , Free-form Agency Qualifier Code: EU , Electric Utilities (used even though Gas) Description: CANCELLATION OF BILL , Supplier Message Surface/Layer/Position Code: R1 , Relative Position Source Sub-qualifier: 1 , Relative Sequence Number for Printing
DTM*150*20130626	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20130626
DTM*151*20130725	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20130725
SLN*1**A	Assigned Identification: 1 , Loop Counter Relationship Code: A , Add
SAC*A*D140*EU*ADJ002*1057***** CANCELLATION OF BILL	Allowance or Charge Indicator: A , Allowance Charge Code: D140 , Bill Ready – Actual Charges Agency Qualifier Code EU: Electric Utilities (Note: EU code will be used for natural gas) Energy Charges: ADJ002 , Adjustment Billed Amount: 1057 , Description: CANCELLATION OF BILL , (Note, ETG does not print this on the bill)

Summary:

Segment Contents	Element Description
TDS*1057	Total Monetary Value Summary: 1057
CTT*1	Transaction Totals: 1
SE*18*123456788	Transaction Set Identifier Code: 18 , <i>No. Of Included Segments</i> Transaction Set Control Number: 123456788 , <i>Identifying Control Number</i>

SOUTH JERSEY GAS 810
LDC Rate Ready
Original
Heading

Segment Contents	Element Description
ST*810*839201081	Transaction Set Identifier Code: 810 , LDC Consolidated Bill Transaction Set Control Number: 839201081 , Identifying Control Number
BIG*20121102*20121102I00SJG18081693***4165504400 0201211020020121102**ME*00	Invoice Date: 20121102 , Date bill was issued Invoice Number: 20121102I00SJG18081693 Release Number: 41655044000201211020020121102 , Cross Reference Number of 867 Transaction Type Code: ME , Memorandum Transaction Set Purpose Code: 00 , Original

Account Level Information:

Segment Contents	Element Description
REF*12*21036509012888899999	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 21036509012888899999 , GDC Account Number
REF*BF*04	Reference Identification Qualifier: BF , GDC Billing Cycle Reference Identification: 04
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
N1*8R*JANE DOE	Entity Identifier Code: 8R , End Use Customer Name: JANE DOE , Customer Name
N1*8S*SOUTH JERSEY GAS*1*051409605	Entity Identifier Code: 8S , Consumer Service Provider Name: SOUTH JERSEY GAS , GDC Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 051409605 , DUNS Number
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP COMPANY NAME , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number
BAL*M*YB*0	Balance Type Code, M , Current Month Amount Qualifier Code, YB , Actual Unpaid Principal Balance Monetary Amount, 0

Rate Level Charges

Segment Contents	Element Description
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IT1*1*****SV*GAS*C3*RATE	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, RATE
DTM*150*20121003	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20121003
DTM*151*20121102	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20121102
SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add
SAC*C*F950*EU*ADJ000*2330***.459*TD*50.764*****N ATURAL GAS COMMODITY	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, F950 , Rate Ready – Actual Charges Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, ADJ000 , Payment/Adjustment Amount, 2330 , Rate, .459 Unit or Unit or Basis for Measurement Code, TD , Therms Quantity, 50.764 Description, NATURAL GAS COMMODITY

Summary:

Segment Contents	Element Description
TDS*2330	Total Monetary Value Summary, 2330
CTT*1	Transaction Totals, 1
SE*18*839201081	Transaction Set Identifier Code: 18 , <i>No. Of Included Segments</i> Transaction Set Control Number: 839201081 , <i>Identifying Control Number</i>

SOUTH JERSEY GAS 810**LDC Rate Ready****Cancel****Heading**

Segment Contents	Element Description
ST*810*907394579	Transaction Set Identifier Code: 810 , LDC Consolidated Bill Transaction Set Control Number: 907394579 , Identifying Control Number
BIG*20130215*20130215I01SJG18035044***40353001411201301240120130215**ME*01	Invoice Date: 20130215 , Date bill was issued Invoice Number: 20130215I01SJG18035044 Release Number: 40353001411201301240120130215 , Cross Reference Number of 867 Transaction Type Code: ME , Memorandum Transaction Set Purpose Code: 01 , Cancel
REF*OI*20130125I00SJG18121857	Reference Identification Qualifier, OI , Original Invoice Number Reference Identification: 20130125I00SJG18121857

Account Level Information:

Segment Contents	Element Description
REF*12*40353001411888899999	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 40353001411888899999 , GDC Account Number
REF*BF*19	Reference Identification Qualifier: BF , GDC Billing Cycle Reference Identification: 19
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
N1*8R*DOE CORP	Entity Identifier Code: 8R , End Use Customer Name: DOE CORP , Customer Name
N1*8S*SOUTH JERSEY GAS*1*051409605	Entity Identifier Code: 8S , Consumer Service Provider Name: SOUTH JERSEY GAS , GDC Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 051409605 , DUNS Number
N1*SJ*ESP COMPANY NAME*1*012345678	Entity Identifier Code: SJ , Service Provider Name: ESP COMPANY NAME , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 012345678 , DUNS Number

BAL*M*YB*0	Balance Type Code, M , Current Month Amount Qualifier Code, YB , Actual Unpaid Principal Balance Monetary Amount, 0
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Rate Level Charges

Segment Contents	Element Description
IT1*1*****SV*GAS*C3*RATE	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, RATE
DTM*150*20130107	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20130107
DTM*151*20130124	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20130124
SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add
SAC*C*F950*EU*ADJ000*36632***.385*TD*951.474**** *NATURAL GAS COMMODITY	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, F950 , Rate Ready – Actual Charges Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, ADJ000 , Payment/Adjustment Amount, 36632 , Rate, .385 Unit or Unit or Basis for Measurement Code, TD , Therms Quantity, 951.474 Description, NATURAL GAS COMMODITY

Summary:

Segment Contents	Element Description
TDS*36632	Total Monetary Value Summary, 36632
CTT*1	Transaction Totals, 1
SE*19*907394579	Transaction Set Identifier Code: 19 , <i>No. Of Included Segments</i> Transaction Set Control Number: 907394579 , <i>Identifying Control Number</i>

NJNG 810
LDC Consolidated Rate Ready
Original: RT Single Meter
Heading:

Segment Contents	Element Description
BIG*20121220*14356899812907712181***14356899812907712181112355MXE**ME*00	Invoice Date: 20121220 , Date bill was issued Invoice Number: 14356899812907712181 Release Number: 14356899812907712181112355MXE , Cross Reference Number of 867 Transaction Type Code: ME , Memorandum Transaction Set Purpose Code: 00 , Original

Account Level Information:

Segment Contents	Element Description
REF*11*48470-53734-5-00001	Reference Identification Qualifier: 11 , Billing Account Reference Identification: 48470-53734-5-00001 , ESP Account Number
REF*12*143568998129	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 143568998129 , GDC Account Number
REF*BF*09	Reference Identification Qualifier: BF , GDC Bill Cycle Reference Identification: 09
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC
N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1 , D-U-N-S Identification Code: 061843553 , DUNS Number
N1*SJ*ESP COMPANY*1*101386142	Entity Identifier Code: SJ , Service Provider Name: ESP Company , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 101386142 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name

Rate Level Charges:

Segment Contents	Element Description
IT1*1*****SV*GAS*C3*RATE	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, RATE
DTM*150*20121115	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20121115
DTM*151*20121219	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20121219

SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add
SAC*C*F950*EU*GEN004*5103***0.6015*TD*84.8 381*****M=00571914	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, F950 Rate Ready Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, GEN004, Generation Charge – Billed Amount, 5103 Rate, 0.6015 Measurement Unit, TD , Therms Quantity, 84.831 Description, M=00571914 (Meter Number)

Summary:

Segment Contents	Element Description
TDS*5103	Total Monetary Value Summary, 5103
CTT*1	Transaction Totals, 1

NJNG 810**LDC Consolidated Rate Ready**

Original: SCT Single Meter

Heading:

Segment Contents	Element Description
BIG*20130114*22000939100107723130***220009 39100107723130113014MXE**ME*00	Invoice Date: 20130114 , Date bill was issued Invoice Number: 22000939100107723130 Release Number: 22000939100107723130113014MXE , Cross Reference Number of 867 Transaction Type Code: ME , Memorandum Transaction Set Purpose Code: 00 , Original

Account Level Information:

Segment Contents	Element Description
REF*11*53743-27200-7-00001	Reference Identification Qualifier: 11 , Billing Account Reference Identification: 53743-27200-7-00001 , ESP Account Number
REF*12*220009391001	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 220009391001 , GDC Account Number
REF*BF*03	Reference Identification Qualifier: BF , GDC Bill Cycle Reference Identification: 09
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC
N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1 , D-U-N-S Identification Code: 061843553 , DUNS Number

N1*SJ*ESP COMPANY*1*101386142	Entity Identifier Code: SJ , Service Provider Name: ESP Company , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 101386142 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name

Rate Level Charges:

Segment Contents	Element Description
IT1*1*****SV*GAS*C3*RATE	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, RATE
REF*SJ*7.00	Reference Identification Qualifier, SJ , Maximum Daily Quantity (MDQ) Reference Identification, 7.00
DTM*150*20121207	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20121207
DTM*151*20130110	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20130110
SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add
SAC*C*F950*EU*GEN004*4637***0.6390*TD*72.5696****M=00481741	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, F950 Rate Ready Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, GEN004, Generation Charge – Billed Amount, 4637 Rate, 0.6390 Measurement Unit, TD , Therms Quantity, 72.5696 Description, M=00481741 (Meter Number)

Summary:

Segment Contents	Element Description
TDS*4637	Total Monetary Value Summary, 4637
CTT*1	Transaction Totals, 1

NJNG 810

LDC Consolidated Rate Ready

Original: CTB Single Meter

Heading:

Segment Contents	Element Description
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BIG*20130114*22000910713807723130***220009 10713807723130113014MXE**ME*00	Invoice Date: 20130114 , Date bill was issued Invoice Number: 22000910713807723130 Release Number: 22000910713807723130113014MXE , Cross Reference Number of 867 Transaction Type Code: ME , Memorandum Transaction Set Purpose Code: 00 , Original
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Account Level Information:

Segment Contents	Element Description
REF*11*83908-33105-0-00001	Reference Identification Qualifier: 11 , Billing Account Reference Identification: 83908-33105-0-00001 , ESP Account Number
REF*12*220009107138	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 220009107138 , GDC Account Number
REF*BF*03	Reference Identification Qualifier: BF , GDC Bill Cycle Reference Identification: 03
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC
N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1 , D-U-N-S Identification Code: 061843553 , DUNS Number
N1*SJ*ESP COMPANY*1*101386142	Entity Identifier Code: SJ , Service Provider Name: ESP Company , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 101386142 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name

Rate Level Charges:

Segment Contents	Element Description
IT1*1*****SV*GAS*C3*RATE	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, RATE
REF*DQ*25.27	Reference Identification Qualifier, DQ , Highest Monthly Average Daily (HMAD) Reference Identification, 25.27
REF*SJ*34.37	Reference Identification Qualifier, SJ , Maximum Daily Quantity (MDQ) Reference Identification, 34.37
DTM*150*20121211	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20121211

DTM*151*20130111	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20130111
SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add
SAC*C*F950*EU*GEN004*35129***0.6387*TD*550 .0386*****M=00849195	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, F950 Rate Ready Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, GEN004 , Generation Charge – Billed Amount, 35129 Rate, 0.6387 Measurement Unit, TD , Therms Quantity, 550.0386 Description, M=0084919 (Meter Number)

Summary:

Segment Contents	Element Description
TDS*35129	Total Monetary Value Summary, 35129
CTT*1	Transaction Totals, 1

NJNG 810

LDC Consolidated Rate Ready

Final: Single Meter

Heading:

Segment Contents	Element Description
BIG*20130114*14356899812907723130***143568 99812907723130113014MXE**FE*00	Invoice Date: 20130114 , Date bill was issued Invoice Number: 14356899812907723130 Release Number: 14356899812907723130113014MXE , Cross Reference Number of 867 Transaction Type Code: FE , Final Bill Transaction Set Purpose Code: 00 , Original

Account Level Information:

Segment Contents	Element Description
REF*11*48470-53734-5-00001	Reference Identification Qualifier: 11 , Billing Account Reference Identification: 48470-53734-5-00001 , ESP Account Number
REF*12*143568998129	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 143568998129 , GDC Account Number
REF*BF*09	Reference Identification Qualifier: BF , GDC Bill Cycle Reference Identification: 09
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC

N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1, D-U-N-S Identification Code: 061843553 , DUNS Number
N1*SJ*ESP COMPANY*1*101386142	Entity Identifier Code: SJ , Service Provider Name: ESP Company , ESP Name Identification Code Qualifier: 1, DUNS Number Dun & Bradstreet Identification Code: 101386142 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name

Rate Level Charges:

Segment Contents	Element Description
IT1*1*****SV*GAS*C3*RATE	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, RATE
DTM*150*20121115	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20121115
DTM*151*20121119	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20121119
SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add
SAC*C*F950*EU*GEN004*561***0.5810*TD*9.6498 8*****M=00571914	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, F950 Rate Ready Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, GEN004, Generation Charge – Billed Amount, 561 Rate, 0.5810 Measurement Unit, TD , Therms Quantity, 9.6498 Description, M=00571914 (Meter Number)

Summary:

Segment Contents	Element Description
TDS*561	Total Monetary Value Summary, 561
CTT*1	Transaction Totals, 1

NJNG 810

LDC Consolidated Rate Ready

Cancellation: Single Meter

Heading:

Segment Contents	Element Description
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BIG*20121220*14356899812907712181CR***14356899812907712181113014MXEC**ME*01	Invoice Date: 20121220 , Date bill was issued Invoice Number: 14356899812907712181 Release Number: 14356899812907712181112355MXE , Cross Reference Number of 867 Transaction Type Code: ME , Memorandum Transaction Set Purpose Code: 01 , Cancel
REF*OI*14356899812907712181	Reference Identification Qualifier, OI , Original Invoice Number Reference Identification, 14356899812907712181
Account Level Information:	
Segment Contents	Element Description
REF*11*48470-53734-5-00001	Reference Identification Qualifier: 11 , Billing Account Reference Identification: 48470-53734-5-00001 , ESP Account Number
REF*12*143568998129	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 143568998129 , GDC Account Number
REF*BF*09	Reference Identification Qualifier: BF , GDC Bill Cycle Reference Identification: 09
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC
N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1 , D-U-N-S Identification Code: 061843553 , DUNS Number
N1*SJ*ESP COMPANY*1*101386142	Entity Identifier Code: SJ , Service Provider Name: ESP Company , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 101386142 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name

Rate Level Charges:

Segment Contents	Element Description
IT1*1*****SV*GAS*C3*RATE	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, RATE
DTM*150*20121115	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20121115
DTM*151*20121219	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20121119
SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add

SAC*C*F950*EU*GEN004*5103***0.6015*TD*84.8 381*****M=00571914	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, F950 Rate Ready Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, GEN004, Generation Charge – Billed Amount, 5103 Rate, 0.6015 Measurement Unit, TD , Therms Quantity, 84.8381 Description, M=00571914 (Meter Number)
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Summary:

Segment Contents	Element Description
TDS*5103	Total Monetary Value Summary, 5103
CTT*1	Transaction Totals, 1

NJNG 810**LDC Consolidated Rate Ready****Original: Multi-Meter****Heading:**

Segment Contents	Element Description
BIG*20130116*13335620552907724611***133356 20552907724611113016IEI**ME*00	Invoice Date: 20121220 , Date bill was issued Invoice Number: 14356899812907712181 Release Number: 14356899812907712181112355MXE , Cross Reference Number of 867 Transaction Type Code: ME , Memorandum Transaction Set Purpose Code: 00 , Original

Account Level Information:

Segment Contents	Element Description
REF*11*1243741692	Reference Identification Qualifier: 11 , Billing Account Reference Identification: 48470-53734-5-00001 , ESP Account Number
REF*12*133356205529	Reference Identification Qualifier: 12 , Billing Account Reference Identification: 143568998129 , GDC Account Number
REF*BF*05	Reference Identification Qualifier: BF , GDC Bill Cycle Reference Identification: 09
REF*BLT*LDC	Reference Identification Qualifier: BLT , Billing Type Reference Identification: LDC
REF*PC*LDC	Reference Identification Qualifier: PC , Party Calculating Charges Reference Identification: LDC
N1*8S*New Jersey Natural Gas Company*1*061843553	Entity Identifier Code: 8S , Consumer Service Provider Name: New Jersey Natural Gas Company , GDC Name Identification Code Qualifier: 1 , D-U-N-S Identification Code: 061843553 , DUNS Number

N1*SJ*ESP COMPANY*1*101386142	Entity Identifier Code: SJ , Service Provider Name: ESP Company , ESP Name Identification Code Qualifier: 1 , DUNS Number Dun & Bradstreet Identification Code: 101386142 , DUNS Number
N1*8R*CUSTOMER NAME	Entity Identifier Code: 8R , End Use Customer Name: CUSTOMER NAME , Customer Name

Rate Level Charges: Meter 1

Segment Contents	Element Description
IT1*1*****SV*GAS*C3*RATE	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, RATE
REF*DQ*97.81	Reference Identification Qualifier, DQ , Highest Monthly Average Daily (HMAD) Reference Identification, 97.81
REF*SJ*133.02	Reference Identification Qualifier, SJ , Maximum Daily Quantity (MDQ) Reference Identification, 133.02
DTM*150*20121211	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20121211
DTM*151*20130114	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20130114
SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add
SAC*C*F950*EU*GEN004*153526***0.7719*TD*19 88.9310*****M=00657721	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, F950 Rate Ready Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, GEN004 , Generation Charge – Billed Amount, 153526 Rate, 0.7719 Measurement Unit, TD , Therms Quantity, 1988.9310 Description, M=00657721 (Meter Number)

Rate Level Charges: Meter 2

Segment Contents	Element Description
IT1*2*****SV*GAS*C3*RATE	Assigned Identification, 1 , Sequential Line Item Counter Product/Service ID Qualifier, SV , Service Rendered Product/Service ID, GAS Product/Service ID Qualifier, C3 , Classification Product/Service ID, RATE
REF*DQ*109.78	Reference Identification Qualifier, DQ , Highest Monthly Average Daily (HMAD) Reference Identification, 97.81

REF*SJ*149.30	Reference Identification Qualifier, SJ , Maximum Daily Quantity (MDQ) Reference Identification, 133.02
DTM*150*20121211	Date/Time Qualifier: 150 , Service Period Start Date Service Period Start Date: 20121211
DTM*151*20130114	Date/Time Qualifier: 151 , Service Period End Date Service Period End Date: 20130114
SLN*1**A	Assigned Identification, 1 , Loop Counter Relationship Code, A , Add
SAC*C*F950*EU*GEN004*178023***0.7719*TD*23 06.3022*****M=00582462	Allowance or Charge Indicator, C , Charge Service, Promotion, Allowance, or Charge Code, F950 Rate Ready Agency Qualifier Code (Used for Rate Ready Only), EU , Electric Utilities (Note: EU code will be used for natural gas) Energy Charges, GEN004 , Generation Charge – Billed Amount, 178023 Rate, 0.7719 Measurement Unit, TD , Therms Quantity, 2306.3022 Description, M=00582462 (Meter Number)

Summary:

Segment Contents	Element Description
TDS*331549	Total Monetary Value Summary, 331549
CTT*2	Transaction Totals, 2