

Virginia

Implementation Standard

For

Electronic Data Interchange

TRANSACTION SET

814

Change

Request and Response

Ver/Rel 004010

Summary of Changes

August 27, 2001 Version 2-1FINAL	Issue final version 2.1 for 1/1/2002 Open Access
February 20, 2002 Version 2-2 FINAL	Added AP to VA Use greybox for REF*SPL
December 1, 2002 Version 2.2 Final	Issue final version 2.2 for CSP Consolidated Billing effective January 2003
January 28, 2003 Draft Version 2.2.1	Added BARC, CVEC, C-BEC, MEC, NNEC, SVEC, and SEC to VA Notes.
March 21, 2003 Version 2.3	Approved Draft Version 2.2.1

Notes	
One Account per 814	<ul style="list-style-type: none"> One customer account per 814. For AEP, each 814 can only be used for one Service Delivery Identification Number (SDID). A customer account may have multiple SDID's. SDID is used in place of LDC Customer Account Number.
Number of Changes per LIN	<ul style="list-style-type: none"> Requester may send a LIN loop for each item to be changed OR the requestor may group together multiple changes under one LIN loop. The receiver will accept or reject at the LIN level as with other 814 requests. NOTE: If multiple changes have been grouped under one LIN loop, the changes within that LIN loop will be accepted or rejected as a group. <p>EXAMPLE OF A SINGLE CHANGE PER LIN:</p> <pre> LIN*1... ASI... REF*TD*REF11 REF*12*3452344567 REF*11*123456 LIN*2... ASI... REF*TD*REFBLT REF*BLT*DUAL REF*12*3452344567 REF*11*123456 </pre> <p>EXAMPLE OF MULTIPLE CHANGES PER LIN:</p> <pre> LIN*1... ASI... REF*TD*REF11 REF*TD*REFBLT REF*12*3452344567 REF*11*123456 REF*BLT*DUAL </pre>
Multiple LINs	<ul style="list-style-type: none"> There may be multiple detail LIN loops for each customer account. The sender may send one service per account per 814 instead of using multiple LIN segments.
Response per LIN	<ul style="list-style-type: none"> There must be one response LIN for each request LIN. These responses may be created and sent at different times in different 814 transactions, but all LINs must be responded to within the time limits as indicated in the Virginia's "VAEDT Plan".
Unknown LIN05 codes	<ul style="list-style-type: none"> If an LDC receives a request for a service they do not support (or is not defined by these standards), the LDC must respond. The LDC will respond with a rejection reason code of SNP (Service Not Provided)
Rejection vs. Acceptance with Status Reason code	<ul style="list-style-type: none"> A Status Reason code is different than a Rejection Reason code. The Status Reason code is used to give additional information to the receiving party (an FYI). For example, if CSP sends a change request that is formatted properly, but LDC does not support the change of that data field, the transaction is accepted and a status reason code of C10 is sent (CHANGE NOT SUPPORTED). If a transaction is rejected, the requester is expected to follow up and resubmit; whereas if a transaction is accepted with a status reason code, the requester is not expected to take any further action.
Meter Additions, Removals, Exchanges and Meter Information Changes	<p>Assumptions:</p> <ol style="list-style-type: none"> There will be only one NM1 Loop per Meter or Unmetered Service (i.e., if a meter has multiple units of measure, they will all be represented within the one NM1 loop). The NM101 indicates the action to be taken for the specified meter

3. If a meter reading date (meter reading cycle) is changed, LDC will need to notify any pending suppliers of the consequent change in their effective start dates. LDC will send these two changes (REFTZ, DTM02) concurrently and along with effective end date.
 4. What must be sent?
 - Meter Addition:
 - NM1*MA
 - REF*TD*NM1MA
 - All Meter Level Information for the new meter
 - Meter Information Change:
 - For change in the items listed below:
 - Load Profile (REF*LO) *
 - LDC Rate Class (REF*NH) *
 - LDC Rate Subclass (REF*PR) *
 - CSP Rate Code (REF*RB)
 - Meter Cycle (REF*TZ)
 The following must be sent:
 - NM1*MQ
 - REF*TD(s) associated with segment(s) listed above
 - Item that is changing
 - * The Load Profile, LDC Rate Class and LDC Rate Subclass may be sent in combination on one 814 Change transaction or separately.
 - For change in the meter attributes listed below:
 - Meter Type (REF*MT)
 - Meter Constant (REF*4P)
 - Number of Dials (REF*IX)
 - Information Sent on 867 (REF*TU)
 The following must be sent:
 - NM1*MQ
 - REF*TD*NM1MQ
 - REF*MT
 - REF*4P for each Unit of Measure
 - REF*IX for each Unit of Measure
 - REF*TU for each Meter Type for each Unit of Measure
 - * Note that a change in any one of these attributes requires that all attributes be resent.
 - Meter Removal:
 - NM1*MR
 - REF*TD*NM1MR
- Meter Exchange :
- The following must be sent :
- NM1*MX
 - REF*TD*NM1MX (Required for Request, Optional for Response)
 - REF*MT
 - REF*4P
 - REF*IX
 - REF*TU
 - REF*LO
 - REF*NH
 - REF*PR
 - REF*RB
 - REF*TZ
 - REF*46 for old meter number (implies meter removed)

	<p>5. Expectations:</p> <ul style="list-style-type: none"> • Add Meter(s): One NM1*MA Loop for each meter added • Meter Level Information Change • One NM1*MQ Loop with the appropriate change(s) for that meter. Please see rules regarding which changes may be sent in combination. • Remove Meter(s): One NM1*MR Loop for each meter removed • 1-to-1 Exchange: One old meter replaced with one new meter One NM1*MX Loop • 1-to-2 Exchange: One old meter replaced with two new meters One NM1*MX Loop, One NM1*MA Loop for the meter being added • 2-to-1 Exchange: Two old meters replaced with one new meter One NM1*MX Loop including the old meter number of the meter exchanged One NM1*MR Loop for the meter being replaced.
Use of REF*TD segment	<ul style="list-style-type: none"> • The REF*TD segment is used to identify the data that is to be changed. At least one REF*TD is required on a Request transaction. The REF*TD(s) may optionally be returned on the Response transaction. • The REF*TD will be located in one of two locations within the document. <ul style="list-style-type: none"> • Any field that changes within the Header or LIN level will have the associated REF*TD in the LIN loop • Any field that changes within the NM1 loop (meter level) will have the associated REF*TD in the NM1 loop. • Example: If CSP account number is being changed, the LIN loop will contain a segment REF*TD*REF11 as well as the associated REF*11 segment with the new CSP Account Number (REF*11*2349710802189)
Changing Billing related fields as it relates to one change per LIN	<p>The transaction is intended to have only one change per LIN loop. It is recognized that there are a few fields that must be sent in conjunction with each other to take effect. The only valid fields that may be sent in combination are the ones documented here. If any other changes are sent in combination within one LIN/NM1 loop, they may be rejected by the receiving party.</p> <ul style="list-style-type: none"> • Change from DUAL Bill to LDC Rate Ready <ul style="list-style-type: none"> • Following REF*TD codes must be sent: REF*TD*REFBLT, REF*TD*REFPC and REF*TD*REFRB Note: REF*TD*REFRB is in NM1 loop. • Following fields must be sent: Bill type (REF*BLT), Bill Calculator (REF*PC), CSP Rate Code (REF*RB) • Change from DUAL Bill to CSP Consolidated Billing <ul style="list-style-type: none"> • Following REF*TD codes must be sent: REF*TD*REFBLT • Following fields must be sent: Bill type (REF*BLT) • Change from DUAL Bill to LDC Bill Ready <ul style="list-style-type: none"> • Following REF*TD code must be sent: REF*TD*REFBLT • Following field must be sent: Bill type (REF*BLT) • Change from LDC Rate Ready to DUAL Bill <ul style="list-style-type: none"> • Following REF*TD codes must be sent: REF*TD*REFBLT and REF*TD*REFPC • Following fields must be sent: Bill type (REF*BLT), Bill Calculator (REF*PC) • LDC will initialize CSP Rate Code (REF*RB) • Change from LDC Bill Ready to DUAL Bill <ul style="list-style-type: none"> • Following REF*TD codes must be sent: REF*TD*REFBLT • Following field must be sent: Bill type (REF*BLT)

	<ul style="list-style-type: none"> • Change from LDC Bill Ready to CSP Consolidated Billing <ul style="list-style-type: none"> • Following REF*TD codes must be sent: REF*TD*REFBLT • Following field must be sent: Bill type (REF*BLT) • Change from LDC Bill Ready to LDC Rate Ready Bill <ul style="list-style-type: none"> • Following REF*TD code must be sent: REF*TD*REFPC • Following field must be sent: Bill Calculator (REF*PC) • Change from LDC Rate Ready to CSP Consolidated Billing <ul style="list-style-type: none"> • Following REF*TD codes must be sent: REF*TD*REFPC, , REF*TD*BLT • Following field must be sent: Bill Calculator (REF*PC), Bill type (REF*BLT) • Change from LDC Rate Ready to LDC Bill Ready Bill <ul style="list-style-type: none"> • Following REF*TD codes must be sent: REF*TD*REFPC, REF*TD*REFRB Note: REF*TD*REFRB is in NM1 loop. • Following field must be sent: Bill Calculator (REF*PC), CSP Rate Code (REF*RB) • Change from CSP Consolidated Billing to LDC Rate Ready <ul style="list-style-type: none"> • Following REF*TD codes must be sent: REF*TD*REFBLT, REF*TD*REFPC and REF*TD*REFRB Note: REF*TD*REFRB is in NM1 loop. • Following fields must be sent: Bill type (REF*BLT), Bill Calculator (REF*PC), CSP Rate Code (REF*RB) • Change from CSP Consolidated Billing to LDC Bill Ready <ul style="list-style-type: none"> • Following REF*TD code must be sent: REF*TD*REFBLT • Following field must be sent: Bill type (REF*BLT) • Change from CSP Consolidated Billing to DUAL Bill <ul style="list-style-type: none"> • Following REF*TD codes must be sent: REF*TD*REFBLT • Following field must be sent: Bill type (REF*BLT) • If customer is already LDC Rate Ready, and only the CSP Rate Code (REF*RB) is changing, this may be sent alone. The associated REF*TD will be REF*TD*REFRB. •
Response Transaction	<ul style="list-style-type: none"> • The Change Response Transaction will be formatted as follows: <ul style="list-style-type: none"> • An Accept Response will provide the “Required” fields and, optionally REF*TD(s) from the Request Transaction. It will not provide the segment that was changed. • A Reject Response will provide the “Required” fields, the rejection reason and, optionally, the REF*TD(s) from the Request Transaction.
Adding CSP Account Number	<ul style="list-style-type: none"> • Note that the change transaction may be used to request that the LDC start to carry the CSP account number, if one had not been provided on the initial Enrollment Request transaction.
Account in “Pending” Status	<ul style="list-style-type: none"> • For a customer account in pending drop status, LDC should send 814C transaction to both the new and previous CSP’s because the switch may be objected to by the customer.
Interval Summary	<ul style="list-style-type: none"> • Changing the Summary Interval option requires LIN05=SI, whereas all other changes require LIN05=CE
Definitions:	<ul style="list-style-type: none"> • The term LDC (Local Distribution Company) in this document refers to the utility. • The term CSP (Competitive Service Provider) in this document refers to the supplier.

VA Notes

LDC Initiated Changes	<ul style="list-style-type: none">• If the following fields are changed within the utility's system, a supporting 814 Change transaction must be sent to the supplier:<ul style="list-style-type: none">• LDC account number• Customer Name• Service Address• LDC Rate Code• LDC Meter Cycle• LDC Billing Cycle• Profile Group• Meter Constant (multiplier) not sent by BARC, CVEC, C-BEC, MEC, NNEC, SVEC, and SEC.• Meter additions, removals, exchanges and meter info changes – see previous notes for requirements on these transactions: not sent by BARC, CVEC, C-BEC, MEC, NNEC, SVEC, and SEC.• Customer reference number, billing address info, third party to receive bills info, third party to receive notices info – LDC will send 814C if LDC normally provides that data on enrollment responses.• Obligation for Capacity or Transmission (PJM participants only)
CSP Initiated Changes	<ul style="list-style-type: none">• The utilities must support receiving the following changes:<ul style="list-style-type: none">• CSP account number• Billing Type (REF*BLT)• Billing calculation method (REF*PC)• CSP rate code – only if LDC offers Rate Ready and account on Rate Ready

How to Use the Implementation Guideline

Segment: **REF** Reference Identification
Position: 030
Loop: LIN
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
VA 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
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 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

814 General Request, Response or Confirmation X12 Structure

Functional Group ID=**GE**

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

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - LIN			>1	
	010	LIN	Item Identification	O	1		
	020	ASI	Action or Status Indicator	O	1		
	030	REF	Reference Identification	O	>1		
	040	DTM	Date/Time Reference	O	>1		
	060	AMT	Monetary Amount	O	>1		
			LOOP ID - NM1			>1	
	080	NM1	Individual or Organizational Name	O	1		n2
	130	REF	Reference Identification	O	>1		
Must Use	150	SE	Transaction Set Trailer	M	1		

Transaction Set Notes:

1. The N1 loop is also used to identify the transaction sender and receiver when metering and billing are unbundled.
2. The N1 loop is used to convey meter level information.

Data Dictionary for 814 Change					
<i>Appl Field</i>	<i>Field Name</i>	<i>Description</i>	<i>EDI Segment</i>	<i>Loop / Related EDI Qualifier</i>	<i>Data Type</i>
1	Transaction Set Purpose Code	Request = 13 Response = 11	BGN01		X(2)
2	Transaction Reference Number	A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.	BGN02		X(30)
3	System Date	Date that the data was processed by the sender's application system.	BGN03		9(8)
4	Original Transaction Reference Number	Transaction Reference Number echoed from the Original Request Transaction (BGN02).	BGN06		X(30)
5	LDC Name identifier	LDC Name identifier	N101 = 8S	N1:	X(2)
6	LDC Name	LDC Name	N102	N1: N101 = 8S	X(60)
7	LDC Duns identifier	Indicates Duns versus Duns + 4	N103 = 1 or 9	N1: n101 = 8S	X(1)
8	LDC Duns	LDC DUNS Number or DUNS+4 Number	N104	N1: N101 = 8S N103 = 1 or 9	X(13)
9	LDC Sender / Receiver identifier	Indicates whether LDC was sender or receiver	N106 = 40 or 41	N1: N101 = 8S	X(2)
10	ESP Name identifier	ESP Name identifier	N101 = SJ	N1:	X(2)
11	ESP Name	ESP's Name	N102	N1: N101 = SJ	X(60)
12	ESP Duns identifier	Indicates Duns versus Duns + 4	N103 = 1 or 9	N1: N101 = SJ	X(1)
13	ESP Duns	ESP's DUNS Number or DUNS+4 Number	N104	N1: N101 = SJ N103 = 1 or 9	X(13)
14	ESP Sender / Receiver identifier	Indicates whether ESP was sender or receiver	N106 = 40 or 41	N1: N101 = SJ	X(2)
15	Customer Name identifier	Customer Name identifier	N101 = 8R	N1:	X(2)
16	Customer Name	Customer Name as it appears on the Customer's Bill	N102	N1: N101 = 8R	X(60)
17	Customer Reference Number identifier	Customer Reference Number identifier	N103 = 92	N1: N101 = 8R	X(2)
18	Customer Reference Number	A reference number assigned by and meaningful to the customer. An example would be Store number	N104	N1: N101 = 8R N103 = 1 or 9	X(30)
19	Service Address	Customer Service Address	N301 & N302	N1: N101= 8R	X(55)
20	City	Customer Service Address	N401	N1: N101= 8R	X(30)
21	State	Customer Service Address	N402	N1: N101= 8R	X(2)
22	Zip Code	Customer Service Address	N403	N1: N101= 8R	X(9)
23	Location Code	Service Address County	N405 = CO	N1: N101= 8R	X(2)
24	Location Code Identifier	Service Address County Name	N406	N1: N101= 8R	X(30)

25	Customer Contact identifier	Customer Contact identifier	PER01 = IC	N1:N101 = 8R	X(2)
26	Customer Contact Name	Customer Contact Name	PER02	N1:N101=8R PER01= IC	X(60)
27	Telephone Number identifier	Telephone Number identifier	PER03 = TE	N1: N101 = 8R PER01 = IC	X(2)
28	Customer Telephone Number	Contact Telephone Number for the customer	PER04	N1: N101 = 8R PER01 = IC PER03 = TE	X(10)
29	Customer Billing Address identifier	Customer Billing Address identifier	N101 = BT	N1:	X(2)
30	Customer Billing Name	Name on Billing Address	N102	N1: N101= BT	X(35)
31	Customer Billing Street Address	Customer Billing Address	N301 & N302	N1: N101= BT	X(55)
32	Billing City	Customer Billing Address	N401	N1: N101= BT	X(30)
33	Billing State	Customer Billing Address	N402	N1: N101= BT	X(2)
34	Billing Zip Code	Customer Billing Address	N403	N1: N101= BT	X(9)
35	Billing Country Code	Customer Billing Address	N404	N1: N101= BT	X(3)
36	Billing Contact identifier	Billing Contact identifier	PER01 = IC	N1:N101 = BT	X(2)
37	Billing Contact Name	Billing Contact Name	PER02	N1:N101 = BT PER01= IC	X(60)
38	Billing Telephone #	Contact Telephone Number related to this billing address	PER04	N1: N101 = BT PER01 = IC PER03 = TE	X(10)
39	Third Party Name for Notices Copy identifier	Third Party Name for Notices Copy identifier	N101 = PK	N1:	X(2)
40	Third Party Name for copies of notices	Name for Third Party to receive copies of notices	N102	N1: N101= PK	X(60)
41	Street Address	Address for Third Party to receive copies of notices	N301 & N302	N1: N101= PK	X(55)
42	City	Address for Third Party to receive copies of notices	N401	N1: N101= PK	X(30)
43	State	Address for Third Party to receive copies of notices	N402	N1: N101= PK	X(2)
44	Zip Code	Address for Third Party to receive copies of notices	N403	N1: N101= PK	X(9)
45	Country Code	Address for Third Party to receive copies of notices	N404	N1: N101= PK	X(3)
46	Customer Contact identifier	Customer Contact identifier	PER01 = IC	N1: N101 = PK	X(2)
47	Third Party Name for Contact for Copies of Notices	Third Party Name for Contact for Copies of Notices	PER02	N1: N101 = PK PER01= IC	X(60)
48	Telephone Number	Contact for Third Party to receive copies of notices	PER04	N1: N101 = PK PER01 = IC PER03 = TE	X(10)
49	Third Party Name for Bills identifier	Third Party Name for Bills identifier	N101 = 2C	N1:	X(2)
50	Third Party Name for copies of bills	Name for Third Party to receive copies of bills	N102	N1: N101 = 2C	X(35)

51	Street Address	Address for Third Party to receive copies of bills	N301 & N302	N1: N101 = 2C	X(55)
52	City	Address for Third Party to receive copies of bills	N401	N1: N101 = 2C	X(30)
53	State	Address for Third Party to receive copies of bills	N402	N1: N101 = 2C	X(2)
54	Zip Code	Address for Third Party to receive copies of bills	N403	N1: N101 = 2C	X(9)
55	Country Code	Address for Third Party to receive copies of bills	N404	N1: N101 = 2C	X(3)
56	Customer Contact identifier	Customer Contact identifier	PER01 = IC	N1: N101 = 2C	X(2)
57	Third Party Contact Name for copies of bills	Name for Third Party Contact to receive copies of bills	PER02	N1: N101 = 2C PER01 = 1C	X(60)
58	Telephone Number identifier	Telephone Number identifier	PER03 = TE	N1: N101 = 2C	X(2)
59	Telephone Number	Contact for Third Party to receive copies of bills	PER04	N1: N101= 2C PER01 = IC PER03 = TE	X(10)
60	Line Item Transaction Reference Number	Unique Tracking Number for each line item in this transaction. This number must be unique over time.	LIN01		X(20)
61	Generation Services Indicator	Indicates a customer request to switch to the designated ESP with which he or she has signed a contract for generation services.	LIN05 = CE or SI	LIN02 = SH LIN03 = EL LIN04 = SH	X(2)
61	Action Code	Indicates that the transaction is a request, or whether this transaction has been accepted or rejected.	ASI01= Request: 7 Accept Response: WQ Reject Response: U	LIN: ASI02= 001	X(2)
62	Maintenance Type Code	Maintenance Type Code	ASI02 = 001	LIN:	X(3)
<i>Note that the following REF segments may appear in any order on the actual EDI transaction.</i>					
63	Reason for Change identifier	Reason for Change identifier	REF01 = TD	LIN:	X(2)
64	Reason for Change	Code explaining reason for change. This will apply to changes for all fields, except where the fields reside in the NM1 loop (meter level information)	REF02	LIN: REF01= TD	X(30)
65	Rejection Code identifier	Rejection Code identifier	REF01 = 7G	LIN:	X(2)
66	Rejection Reason Code	Code explaining reason for rejection.	REF02	LIN: REF01= 7G	X(3)
67	Rejection Reason Text	Text explaining rejection.	REF03	LIN: REF01= 7G	X(80)
68	Status Code identifier	Status Code identifier	REF01 = 1P	LIN:	X(2)
69	Status Reason Code	This is used to convey status reason codes on a request and Response to a Request.	REF02	LIN: REF01= 1P	X(3)

70	Status Reason Text	Text to provide status information.	REF03	LIN: REF01= 1P	X(80)
71	ESP Account Number identifier	ESP Account Number identifier	REF01 = 11	LIN:	X(2)
72	ESP Account Number	ESP Customer Account Number	REF02	LIN: REF01= 11	X(30)
73	LDC Account Number identifier	LDC Account Number identifier	REF01 = 12	LIN:	X(2)
74	LDC Account Number	LDC Customer Account Number	REF02	LIN: REF01= 12	X(30)
75	Service Delivery Identification (SDID) identifier	SDID identifier	REF01 = Q5	LIN:	X(2)
76	SDID	SDID – used by AEP instead of LDC Customer Account Number	REF03	LIN: REF01 = Q5	X(80)
77	Old Account Number identifier	Old Account Number identifier	REF01 = 45	LIN:	X(2)
78	Old Account Number	Previous LDC Customer Account Number	REF02	LIN: REF01= 45	X(30)
79	LDC Billing Cycle identifier	LDC Billing Cycle identifier	REF01 = BF	LIN:	X(2)
80	LDC Billing Cycle	LDC Cycle on which the bill will be rendered	REF02	LIN: REF01= BF	X(2)
81	LDC Billing Cycle – special condition	Indicates LDC Bill Cycle has frequency other than monthly	REF03	LIN: REF01= BF	X(3)
82	Billing Type identifier	Billing Type identifier	REF01 = BLT	LIN:	X(3)
83	Billing Type	Indicates type of billing - LDC consolidated Billing (REF02=LDC) - ESP consolidated Billing (REF02=ESP) - Dual bills (REF02=DUAL)	REF02	LIN: REF01= BLT	X(4)
84	Billing Calculation Method identifier	Billing Calculation Method identifier	REF01 = PC	LIN: REF01 = PC	X(2)
85	Billing Calculation Method	Indicates party to calculate bill. - LDC calculates bill (REF02=LDC) - Each party calculates its portion of the bill (REF02=DUAL)	REF02	LIN: REF01= PC	X(4)
86	PJM LMP Bus identifier	PJM LMP Bus identifier	REF01 = SPL	LIN:	X(3)
87	PJM LMP Bus	Point at which the customer is connected to the transmission grid	REF03	LIN: REF01= SPL	X(80)
88	Interval Level Indicator	Indicates the ESP will receive either summary only information this interval account or detail level and summary level information.	REF03	LIN: REF01= 17	X(7)
89	Change Effective Date	The date that this change will take or has taken effect	DTM02	LIN: DTM01= 007	9(8)
90	Service Period Start identifier	Service Period Start identifier	DTM01 = 150	LIN:	X(3)
91	Service Period Start	Date on which energy is expected to flow to this customer for the designated ESP.	DTM02	LIN: DTM01= 150	9(8)
92	Service Period End identifier	Service Period End identifier	DTM01 = 151	LIN:	X(3)

93	Service Period End	Date on which energy is expected to stop flowing to this customer from the designated ESP.	DTM02	LIN: DTM01= 151	9(8)
<i>Note that the following AMT segments may appear in any order on the actual EDI transaction.</i>					
94	Participating Interest identifier	Participating Interest identifier	AMT01 = 7N	LIN:	X(2)
95	Participating Interest	Percent of the customer's load the ESP is requesting service for. If an ESP is only responsible for half of the customer's eligible load, the amount .5 will be returned.	AMT02	LIN: AMT01= 7N	9(1).9999
96	Eligible Load Percentage identifier	Eligible Load Percentage identifier	AMT01 = QY	LIN:	X(2)
97	Eligible Load Percentage	Percent of the customer's load that is eligible for competition. For example, if 2/3 of the customer's load is eligible, the amount .66667 will be returned.	AMT02	LIN: AMT01= QY	9(1).9999
98	Percent Tax Exemption identifier	Percent Tax Exemption identifier	AMT01 = DP	LIN:	X(2)
99	Percent Tax Exemption	Customer's Tax Exemption Percentage - Residential usually 100% (send 1), Commercial/Industrial - anything other than 0% requires you secure tax exemption certificate. (e.g., if 50% send .5)	AMT02	LIN: AMT01= DP	9(1).9(4)
100	State Sales Tax Exemption	Customer's state sales tax exemption. Anything other than zero, supplier is required to secure tax exemption percent. If 100% tax exempt, send 1.	AMT02	LIN: AMT01= F7	9(1).9(4)
101	Load Mgt – AC Identifier	Load Mgt – AC identifier	AMT01 =5J	LIN:	X(2)
102	Air Conditioners in Load Management Program	Number of air conditioners that are part of load cycling program	AMT02	LIN: AMT01= 5J	9(2)
103	Load Mgt – WH identifier	Load Mgt – WH identifier	AMT01 = L0	LIN:	X(2)
104	Water Heaters in Load Management Program	Number of water heaters that are part of load cycling program	AMT02	LIN: AMT01= L0	9(2)
105	Capacity Obligation identifier	Capacity Obligation identifier	AMT01 = KC	LIN:	X(2)
106	Capacity Obligation	Peak load contributions provided to PJM for Installed Capacity calculation (coincident with PJM's peak)	AMT02	LIN: AMT01= KC	9(9).99
107	Transmission Obligation identifier	Transmission Obligation identifier	AMT01 = KZ	LIN:	X(2)
108	Transmission Obligation	Customer's peak load contribution provided to PJM for the transmission service calculation (coincident with LDC peak)	AMT02	LIN: AMT01= KZ	9(9).99

109	Meter Maintenance Code	Code explaining level of meter change; i.e., specific meter related, applies to all meters, or applies to unmetered portion of account	NM109= [meter number] or UNMETERED or ALL	NM101= MA, MQ, MR, or MX NM102= 3 NM108= 32	X(80)
<i>Note that the following REF segments may appear in any order on the actual EDI transaction.</i>					
110	Reason for Change identifier	Reason for Change identifier	REF01 = TD	NM1:	X(2)
111	Reason for Change	Code explaining reason for meter level change	REF02	NM1: REF01= TD	X(30)
112	Old Meter Number identifier	Old Meter Number identifier	REF01 = 46	NM1:	X(2)
113	Old Meter Number	Previous meter number	REF02	NM1: REF01= 46	X30
114	Profile Group identifier	Profile Group identifier	REF01 = LO	NM1:	X(2)
115	Profile Group	A code for the Load Profile used for this customer. Differs by LDC. Codes posted on LDC's Web site.	REF02	NM1: REF01= LO	X(30)
116	LDC Rate Code identifier	LDC Rate Code identifier	REF01 = NH	NM1:	X(2)
117	LDC Rate Code	Code indicating the rate a customer is being charged by LDC per tariff. Codes posted on LDC's Web site	REF02	NM1: REF01= NH	X(30)
118	LDC Rate Subclass Code identifier	LDC Rate Subclass Code identifier	REF01 = PR	NM1:	X(2)
119	LDC Rate Subclass Code	Used to provide further classification of a rate.	REF02	NM1: REF01= PR	X(30)
120	ESP Rate Code identifier	ESP Rate Code identifier	REF01 = RB	NM1:	X(2)
121	ESP Rate Code	ESP rate code for customer	REF02	NM1: REF01= RB	X(30)
122	LDC Meter Cycle identifier	LDC Meter Cycle identifier	REF01 = TZ	NM1:	X(2)
123	LDC Meter Cycle	LDC Cycle on which the meter will be read	REF02	NM1: REF01= TZ	X(2)
124	Meter Type identifier	Meter Type identifier	REF01 = MT	NM1:	X(2)
125	Meter Type	Type of Meter	REF02	NM1: REF01= MT	X(5)
<i>The following three fields each require that the Meter Type be shown in REF03:</i>					
126	Meter Constant/Meter Multiplier identifier	Meter Constant/Meter Multiplier identifier	REF01 = 4P	NM1:	X(2)
127	Meter Constant/Meter Multiplier	Some factor multiplied by the meter reading to give billed usage.	REF02	NM1: REF01= 4P REF03 = Meter Type (See REF*MT)	9(9).99
128	Number of Dials identifier	Number of Dials identifier	REF01= IX	NM1:	X(2)

129	Number of Dials / Digits and related decimal positions	Needed to determine usage if meter reading rolls over during the billing period. Number of dials on the meter displayed as the number of dials to the left of the decimal, a decimal point, and number of dials to the right of the decimal.	REF02	NM1: REF01= IX REF03 = Meter Type (See REF*MT)	9.9
130	Type of metering identifier	Type of metering identifier	REF01 = TU	NM1:	X(2)
131	Type of metering used for billing	Indicates the type of metering information that will be sent on the 867 transaction. Example: 41 = Off Peak	REF02	NM1: REF01 = TU REF03 = Meter Type (See REF*MT)	X(2)

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Comments:

VA Use:	Required
Example:	ST*814*000000001

Data Element Summary

	Ref.	Data		X12 Attributes
	Des.	Element	Name	
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set 814 General Request, Response or Confirmation	
Must Use	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: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
 2 BGN03 is the transaction set date.
 3 BGN04 is the transaction set time.
 4 BGN05 is the transaction set time qualifier.
 5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Comments:

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

Data Element Summary

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

Segment: **N1** Name
Position: 040
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

VA Use:	LDC to CSP Request:	Required
	CSP to LDC Accept Response:	Required
	CSP to LDC Reject Response:	Required
	CSP to LDC Request:	Required
	LDC to CSP Accept Response:	Required
	LDC to CSP Reject Response:	Required
Request Example:	N1*8S*LDC COMPANY*1*007909411**40 (as Receiver)	
Response Example:	N1*8S*LDC COMPANY*1*007909411**41 (as Sender)	

Data Element Summary

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

Segment: **N1** Name
Position: 040
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

VA Use:	LDC to CSP Request:	Required
	CSP to LDC Accept Response:	Required
	CSP to LDC Reject Response:	Required
	CSP to LDC Request:	Required
	LDC to CSP Accept Response:	Required
	LDC to CSP Reject Response:	Required
Request Example:	N1*SJ*CSP COMPANY*9*007909422CSP1**41 (as Sender)	
Response Example:	N1*SJ*CSP COMPANY*9*007909422CSP1**40 (as Receiver)	

Data Element Summary

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

Segment: **N1** Name
Position: 040
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

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

VA Use:	If changing the customer's name or written service address (not physical address) use the N101 = 8R loop for the new/current information LDC to CSP Request: Required CSP to LDC Accept Response: Required CSP to LDC Reject Response: Required if provided in the request CSP to LDC Request: Required LDC to CSP Accept Response: Required LDC to CSP Reject Response: Required for response if provided in the request
Request Examples:	N1*8R*CUSTOMER NAME
Response Example:	N1*8R*CUSTOMER NAME

Data Element Summary

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

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

VA Use:	Note that the service address change is only sent when the service address has been modified but the customer has not physically moved. This transaction cannot be used for a physical address change.	
VA Use:	LDC to CSP Request:	Optional – Populate with new/current address if customer Service Address changes
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	N3*123 N MAIN ST*MS FLR13	

Data Element Summary

	Ref.	Data	Name	X12 Attributes
	Des.	Element		
Must Use	N301	166	Address Information Address information	M AN 1/55
Optional	N302	166	Address Information Address information	O AN 1/55

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

VA Use:	LDC to CSP Request:	Optional – Populate with new/current address if customer Service Address changes
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Examples:	N4*ANYTOWN*VA*18111	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	N401	19	City Name Free-form text for city name	O AN 2/30
Must Use	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Must Use	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
Conditional	N405	309	Location Qualifier Code identifying type of location Condition: N405 and N406 are required for CSP Consolidated Billing; otherwise, they are optional. CO County/Parish and State Service Address County / Parish	X ID 1/2
Conditional	N406	310	Location Identifier Code which identifies a specific location Service Address County / Parish Condition: N405 and N406 are required for CSP Consolidated Billing; otherwise, they are optional.	O AN 1/30

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

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

Semantic Notes:
Comments:

VA Use:	Used to provide customer contact information
	LDC to CSP Request: Optional
	CSP to LDC Accept Response: Not Used
	CSP to LDC Reject Response: Not Used
	CSP to LDC Request: Not Used
	LDC to CSP Accept Response: Not Used
	LDC to CSP Reject Response: Not Used
Examples:	PER*IC**TE*8005559876 PER*IC*JOE DOE*TE*8005559876*FX*8005551111*EM*JOE@SERVICE.COM

Data Element Summary

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

Segment: **N1** Name

Position: 040
Loop: N1
Level: Heading:
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

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

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	N1*BT*ACCOUNTS PAYABLE DIVISION	

Data Element Summary

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

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

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Accept Response:	Not Used
Example:	N3*123 N MAIN ST	

Data Element Summary

	Ref.	Data		X12 Attributes
	Des.	Element	Name	
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
Optional	N302	166	Address Information	O AN 1/55
			Address information	

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

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
	Example:	N4*ANYTOWN*VA*18111 N4*ANYTOWN*VA*181110001*US

Data Element Summary

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

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

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

Semantic Notes:
Comments:

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	PER*IC*ACCTS PAYABLE*TE*8005559876*FX*8005556789*EM*CUSTOMER@SERVICE.COM	

Data Element Summary

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

Segment: **N1** Name
Position: 040
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

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

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	N1*PK*ANN SMITH	

Data Element Summary

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

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

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	N3*4251 S ELECTRIC ST	

Data Element Summary

	Ref.	Data		X12 Attributes
	Des.	Element	Name	
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
Optional	N302	166	Address Information	O AN 1/55
			Address information	

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

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
	Examples:	N4*ANYTOWN*VA*18111 N4*ANYTOWN*VA*181110001*US

Data Element Summary

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

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

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

Semantic Notes:
Comments:

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	PER*IC*ANN SMITH*TE*8005559876*FX*8005556789*EM*CUSTOMER@SERVICE.COM	

Data Element Summary

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

Segment: **N1** Name
Position: 040
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

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

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
	Example:	N1*2C*THOMAS SMITH

Data Element Summary

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

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

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	N3*4251 S ELECTRIC ST*MS 25	

Data Element Summary

	Ref.	Data		X12 Attributes
	Des.	Element	Name	
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
Optional	N302	166	Address Information	O AN 1/55
			Address information	

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

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
Examples:	N4*ANYTOWN*VA*18111	
	N4*ANYTOWN*VA*181110001*US	

Data Element Summary

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

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

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

Semantic Notes:
Comments:

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	PER*IC*THOMAS SMITH*TE*8005552878*FX*8005556789*EM*CUSTOMER@SERVICE.COM	

Data Element Summary

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

Segment: **LIN** Item Identification
Position: 010
Loop: LIN
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes:

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

Semantic Notes:

- 1 LIN01 is the line item identification

Comments:

- 1 See the Data Dictionary for a complete list of IDs.

Notes:	Version 4010 restricts the use of LIN03 to identify the product (electric vs. gas) and LIN05 to identify the service being requested. For example, <i>LIN*SH*EL*SH*CE</i> indicates that the product is electric and 'generation services' is the service being requested. Multiple LINS may be sent to request multiple services for one account. Other examples: LIN*SH*EL*SH*HU\ requests historical usage of electric service LIN*SH*GAS*SH*MI\ requests meter information on the gas service
VA Use:	Request: Required Accept Response: Required Reject Response: Required if it was provided on the request.
Examples:	LIN*CHG1999123108000001*SH*EL*SH*CE

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	LIN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set On the request, this is a unique tracking number for each line item (LIN) in this transaction. This number must be unique over all time. This number must be returned on the response transaction in the same element.	O AN 1/20
Must Use	LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) SH Service Requested	M ID 2/2
Must Use	LIN03	234	Product/Service ID Identifying number for a product or service EL Electric Service Identifies the product	M AN 1/48
Must Use	LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) SH Service Requested	M ID 2/2
Must Use	LIN05	234	Product/Service ID Identifying number for a product or service	M AN 1/48

CE
SI

Generation Services

Summary Interval

Used only when changing the level of detail at which the
867 Interval data will be sent (REF*17).

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

Syntax Notes:
Semantic Notes:
Comments:

Notes:	Identifies the action to be taken or the status of a requested action for the service identified in the LIN segment. Status Reason Codes are conveyed in the REF segment (position 030) rather than in the ASI03, to allow for multiple status reasons.	
VA Use:	Request:	Required
	Accept Response:	Required
	Reject Response:	Required
Request Example:	ASI*7*001	
Response Examples:	ASI*WQ*001	Accept Response
	ASI*U*001	Reject Response

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	ASI01	306	Action Code Code indicating type of action 7 Request U Reject WQ Accept	M ID 1/2
Must Use	ASI02	875	Maintenance Type Code Code identifying the specific type of item maintenance 001 Change	M ID 3/3

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

Notes:	This convention of the REF segment is used for account maintenance, to convey change reason codes. The codes used in REF02 are maintained by the UIG. The first portion of the code identifies the segment that contains the data that has been changed; the remaining portion of the code identifies the relevant code qualifier for the data that has been changed. The changed data will appear in the appropriate element of the identified segment. For example, a REF02 code of REF11 indicates that data in the REF segment that is identified by the qualifier 11 (CSP Account Number) has been changed to the value now shown in REF02.
VA Use:	Request: Required if change is at an account (LIN) or header level Accept Response: Optional Reject Response: Optional
Example:	REF*TD*REFBLT REF*TD*N1PK*D

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification TD Reason for Change	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier DTM150 Change Service Period Start Date DTM151 Change Service Period End Date N12C Change in party to receive copy of bills N18R Change in Customer Name and/or Service Address N1BT Change in Billing Address N1PK Change in party to receive copy of notices (not bills) REF11 Change CSP-Assigned Customer Account Number REF12 Change LDC-Assigned Customer Account Number REF17 Change of Interval Status Change in Interval status will have LIN05 = SI. REFBF Change Billing Cycle REFBLT Change Billing Type (Bill Consolidator) REFPC Change Party that Calculates the Bill	X AN 1/30
Conditional	REF03	352	Description D Indicates the party name and address to be deleted	X AN 1/80

March 21, 2003

Open Access Version 2.3

Required if deleting the following address types:

Party to Receive copy of bills -N12C

Billing Address -N1BT

Party to Receive copy of notices (Not bills) -N1PK

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

Notes:	This iteration of the REF segment is used to convey the rejection reason codes in response to a Request. The rejection reason codes are conveyed in this segment rather than in the ASI03 to allow for multiple rejection reasons.
VA Use:	If an LDC receives a request for a change that it does not support, the LDC will send an accept response with status code REF*1P*C10*CHANGE NOT SUPPORTED If an LDC receives a request for a service (LIN05) that it does not support, the LDC will send a reject response with reject code REF*7G*SNP*SERVICE NOT PROVIDED Request: Not Used Accept Response: Not Used Reject Response: Required
Example:	REF*7G*A13*ADDITIONAL REASON TEXT HERE

Data Element Summary

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

Rules for Rejection Reason Codes

The codes on the next several pages have been identified by the UIG to convey rejection reasons. Only the codes listed for each service are valid for that service. A13” (Other) must **only** be used when an existing error code does not convey the reason correctly. Each time “A13” (Other) is used for a new purpose, an E-mail must be sent to the VA listserver (vaedt@listserver.eei.org) by the party sending the code, to notify the market participants about the text explanation for A13. This information will be compiled and new codes will be issued on a periodic basis.

Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			008	Account exists but is not active
			A13	Other REF03 Required. Send email to vaedt@listserver.eei.org each time A13 is used for a new purpose.
			A76	Account not found

			This includes invalid account numbers as well as no account number being found.
A77			Name specified does not match account Allegheny Power Only – Allegheny will match on the first four characters of the last name or company name as it appears on the customer’s bill.
A84			Invalid Relationship (not CSP of record)
ABN			Duplicate request received
ANL			Service provider not licensed to provide requested service
API			Required information missing (REF03 Required)
C11			Change reason (REF*TD) missing or invalid
C13			Multiple Change Request Not Supported
FRB			Incorrect Billing Option (REF*BLT) Requested
FRC			Incorrect Bill Calculation Type (REF*PC) Requested
UND			Cannot identify CSP
UNE			Cannot identify LDC
SNP			Service Not Provided
W05			Requested Rate not found or not in effect on the requested date (Rate Ready Only).

Optional REF03 352 Description X AN 1/80

A free-form description to clarify the related data elements and their content
Used to further describe the Rejection Reason Codes sent in REF02

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

Notes:	<p>This iteration of the REF segment is used primarily to convey status reason codes in response to a Request. The status reason codes are conveyed in this segment rather than in the ASI03 to allow for multiple status reasons.</p> <p>A Status Reason code is different than a Rejection Reason code in that it is used to give additional information to the receiving party (an FYI). Generally, if a transaction is rejected, the sender is expected to follow up and resubmit; whereas if a transaction is accepted with a status reason code, the sender is not expected to take any further action.</p> <p>If CSP sends a change request for a data field not supported by LDC, LDC will send Change Accept Response with REF*1P*C10*CHANGE NOT SUPPORTED</p>
VA Use:	<p>Request: Not Used Accept Response: Required when status information must be conveyed. Reject Response: Not Used</p>
Example:	<p>REF*1P*A13*ADDITIONAL REASON TEXT HERE REF*1P*C10*CHANGE NOT SUPPORTED</p>

Data Element Summary

Ref. Des.	Data Element	Name	X12 Attributes
Must Use REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 1P Accessorial Status Code	M ID 2/3
		Used in the instance where the 814 Change Request is accepted, but additional status information must be provided	

Rules for Status Reason Codes

The codes on the next several pages have been identified by the UIG to convey status reasons. Only the codes listed for each service are valid for that service. “A13” (Other) must **only** be used when an existing error code does not convey the reason correctly. Each time “A13” (Other) is used for a new purpose, an E-mail must be sent to the VA listserver (vaedt@listserver.eei.org) by the party sending the code, to notify the market participants about the text explanation for A13. This information will be compiled and new codes will be issued on a periodic basis.

Status Codes:

Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			A13	Other REF03 Required. Send email to vaedt@listserver.eei.org each time A13 is used for a new purpose.
			C10	Change Not Supported Used to indicate that the change being requested is not supported by the receiving party.
			SNP	Service Not Provided
Optional	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content Used to further describe the status reason code sent in REF02. Required if REF02 = A13.	

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

Notes	To change a CSP account number, the new account number should appear in the field with the respective REF*TD change code (REF*TD*REF11). Unlike the LDC account number, there is not a field that must be populated for old CSP account number.	
VA Use:	LDC to CSP Request:	Required if is was provided previously
	CSP to LDC Accept Response:	Required if it was provided on request.
	CSP to LDC Reject Response:	Required if it was provided on request.
	CSP to LDC Request:	Required if it was provided previously
	LDC to CSP Accept Response:	Required if it was provided on the request.
	LDC to CSP Reject Response:	Required if it was provided on the request
Example:	REF*11*2348400586	

Data Element Summary

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

Segment: **REF** Reference Identification
Position: 030
Loop: LIN
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:

VA Use:	If changing the LDC account number, the new/current account number appears in this segment and the previous account number appears in the REF*45 segment. . Used by all LDCs except AEP. Request: Required Accept Response: Required Reject Response: Required – when the rejection reason is due to an LDC account number not being provided in the request, this segment must not be sent on the response.
Example:	REF*12*2931839200

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 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
Position: 030
Loop: LIN
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:

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

Semantic Notes:

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

Comments:
Notes: SDID numbers will only contain uppercase letters (A to Z) and Digits (0 - 9). Note that punctuation (spaces, dashes, etc.) must be excluded, and leading and trailing zeros that are part of the SDID number must be present.
VA Use: Required if customer is in AEP service territory
Example: REF*Q5**987654

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification Q5 Property Control Number AEP assigned service delivery identification number	M ID 2/3
Must Use	REF03	352	Description A freeform description to clarify the related data element and their content. AEP assigned service delivery identification number	X AN 1/80

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

Notes:	When changing the indicator to receive both Interval Detail and Summary, or to only receive Summary level information, the LIN05 must have a value of "SI".
VA Use:	LDC to CSP Request: Not Used CSP to LDC Accept Response: Not Used CSP to LDC Reject Response: Not Used CSP to LDC Request: Optional LDC to CSP Accept Response: Not Used LDC to CSP Reject Response: Not Used
Examples:	REF*17*SUMMARY REF*17*DETAIL

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 17 Client Reporting Category Used to convey whether the CSP will receive summary only information, or detail and associated summary information for this interval account.	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is 17, valid values for REF02 are: SUMMARY – Metering party will send only summary level data for this interval account. DETAIL – Metering party will send both summary and detail data for this interval account.	X AN 1/30

Segment: **REF** Reference Identification
Position: 030
Loop: LIN
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:

VA Use:	LDC to CSP Request:CSP to LDC Response:	Required if changing the LDC account number. Not used by AEP. Not Used
	CSP to LDC Request: LDC to CSP Accept Response:	Not Used Required if the account number for this customer at this premise has changed (refolioed) in the last 60 days. Not used by AEP.
	LDC to CSP Reject Response:	Not Used
Example:	REF*45*1105687500	

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 45 Old Account Number LDC's previous customer account number for this customer at this premise.	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **REF** Reference Identification
Position: 030
Loop: LIN
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:

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	REF*BF*15	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BF Billing Center Identification LDC Billing cycle. Cycle number when the billing will be rendered.	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Conditional	REF03	352	Description Condition: Required if AP is changing to Bimonthly meter reading for this account. Value = BIM	X AN 1/80

Segment: **REF** Reference Identification
Position: 030
Loop: LIN
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:

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Optional
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	REF*BLT*LDC	

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 BLT Billing Type Identifies whether the bill is consolidated by the LDC or CSP, or whether each party will render their own bill. See REF02 for valid values.	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is BLT, valid values for REF02 are: LDC - LDC Consolidated Billing ESP - ESP Consolidated Billing DUAL – Each party bills the customer	X AN 1/30

Segment: **REF** Reference Identification
Position: 030
Loop: LIN
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:

VA Use:	LDC to CSP Request: Optional
	CSP to LDC Accept Response: Not Used
	CSP to LDC Reject Response: Not Used
	CSP to LDC Request: Optional
	LDC to CSP Accept Response: Not Used
	LDC to CSP Reject Response: Not Used
Example:	REF*PC*LDC

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 PC Production Code Identifies the party that is to calculate the charges on the bill.	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is PC, valid values for REF02 are: LDC - The LDC calculates the charges on behalf of the CSP DUAL - Each party calculates its portion of the bill	X AN 1/30

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

Be careful to use the UIG Standard Code Values LDC and ESP.

Segment: **REF** Reference Identification
Position: 030
Loop: LIN
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:

VA Use:	<p>Needed by Conectiv and AP, not used by other LDCs.</p> <p>LDC to CSP Request: Optional for PJM Participants CSP to LDC Accept Response: Not Used CSP to LDC Reject Response: Optional</p> <p>CSP to LDC Request: Not Used LDC to CSP Accept Response: Not Used LDC to CSP Reject Response: Not Used</p>
Example:	REF*SPL**DPL SOUTH

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification SPL Standard Point Location Code (SPLC) Point at which the customer is connected to the transmission grid (PJM LMP Bus). This represents the Wholesale Settlement Bus.	M ID 2/3
Must Use	REF03	352	Description A free-form description to clarify the related data elements and their content PJM LMP Bus – Note REF03 is used, not REF02!!	X AN 1/80

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

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

Semantic Notes:
Comments:

Notes	This date may be sent to indicate when a change will take effect. VA LDC's will not warehouse a request. Thus, CSP's should not send future dated requests.	
VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Optional
	LDC to CSP Reject Response:	Not Used
Example:	DTM*007*19990115	

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 007 Effective Date	M ID 3/3
Must Use	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8

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

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

Semantic Notes:
Comments:

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	DTM*150*19990115	

Data Element Summary

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

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

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

Semantic Notes:
Comments:

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	DTM*151*19990215	

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>X12 Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			151 Service Period End	
Must Use	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	

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

VA Use:	Not applicable. ESPs must serve 100% and eligible load is always 100%. LDC to CSP Request: Not Used CSP to LDC Accept Response: Not Used CSP to LDC Reject Response: Not Used CSP to LDC Request: Not Used LDC to CSP Accept Response: Not Used LDC to CSP Reject Response: Not Used
Examples:	AMT*7N*1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount 7N Participating Interest This code is used to indicate the percentage of the eligible load that is supplied by the Energy Service Provider.	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount For percentage values, the whole number "1" represents 100 percent; decimal numbers less than "1" represent percentages from 1 percent to 99 percent.	M R 1/18

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

VA Use:	Not applicable. ESPs must serve 100% and eligible load is always 100%
	LDC to CSP Request: Not Used
	CSP to LDC Accept Response: Not Used
	CSP to LDC Reject Response: Not Used
	CSP to LDC Request: Not Used
	LDC to CSP Accept Response: Not Used
	LDC to CSP Reject Response: Not Used
Example:	AMT*QY* 1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount QY Qualified	M ID 1/3 Eligible Load Percentage. Percentage of the customer's load that is eligible for competition.
Must Use	AMT02	782	Monetary Amount Monetary amount The whole number "1" represents 100 percent.	M R 1/18

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

VA Use:	
LDC to CSP Request:	Not Used
CSP to LDC Accept Response:	Not Used
CSP to LDC Reject Response:	Not Used
CSP to LDC Request:	Not Used
LDC to CSP Accept Response:	Not Used
LDC to CSP Reject Response:	Not Used
Examples:	AMT*DP*1

Data Element Summary

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

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

VA Use:	Not applicable for VA.
Example:	AMT*RJ*.0345

Data Element Summary

	Ref.	Data	Name	X12 Attributes
	Des.	Element		
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount RJ Rate Amount CSP Rate for the customer displayed as a monetary amount.	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount CSP Rate for the customer. Must appear as a monetary amount. For example, to charge 3.45 cents per kWh, you must format the segment as AMT*RJ*.0345	M R 1/18

Segment: **AMT** Monetary Amount (5J=Load Management Device – Air Conditioner)
Position: 060
Loop: LIN
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

VA Use:	This field is used on an enrollment response to indicate this account has some air conditioners that are part of the load management program. Note: If account does not have any air conditioners on the load management program, this segment will not be sent.
	All Requests: Not Used CE Accept Response: Required if there are air conditioners on the account that are on load management program (Conectiv only) All other Accept Responses: Not Used All Reject Responses: Not Used
Examples:	AMT*5J*2 (Indicates there are two air conditioners on account in load management program)

Data Element Summary
Ref. Data

	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount 5J Equipment Air conditioners that are part of load management program	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount Whole number that indicates number of devices that are part of load management program.	M R 1/18

Segment: **AMT** Monetary Amount (L0=Load Management Device – Water Heater)
Position: 060
Loop: LIN
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

VA Use:	This field is used on an enrollment response to indicate this account has some water heaters that are part of the load management program. Note: If account does not have any water heaters on the load management program, this segment will not be sent.	
	All Requests:	Not Used
	CE Accept Response:	Required if there are water heaters on the account that are on load management program (Conectiv only)
	All other Accept Responses:	Not Used
	All Reject Responses:	Not Used
Examples:	AMT*L0*1 (Indicates there is one water heater on account in load management program)	

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount L0 Liquid Assets Water Heaters that are part of load management program	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount Whole number that indicates number of devices that are part of load management program.	M R 1/18

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

VA Use:	Request: Not Used CE Accept Response: Required only for PJM participants. All Other Responses: Not Used
Example:	AMT*KC*752

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount KC Capacity Obligation (a.k.a Load Responsibility) Peak load contributions provided to PJM for Installed Capacity calculation (coincident with PJM peak).	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount Capacity Obligation/Load Responsibility Note that a more appropriate segment would be the QTY (quantity), however until we can petition X12 to add a QTY segment to the 814, we must use the AMT segment.	M R 1/18

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

VA Use:	Request: Not Used CE Accept Response: Required only for PJM participants. All Other Responses: Not Used
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Data Element Summary

	Ref.	Data	Name	X12 Attributes
	Des.	Element		
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount KZ Transmission Obligation Customer's peak load contribution provided to PJM for the Transmission Service calculation (coincident with LDC peak).	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount Transmission Obligation Note that a more appropriate segment would be the QTY (quantity), however until we can petition X12 to add a QTY segment to the 814, we must use the AMT segment.	M R 1/18

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

Notes:	This loop is used to convey meter level information. NM1 loop may be sent in any order	
VA Use:	Please see the rules for the use of this Loop on the Notes page.	
	Request:	Required if changing meter level information
	Accept Response:	Not Used
	Reject Response:	Not Used
Examples:	NM1*MR*3******32*1234568MG NM1*MA*3******32*UNMETERED NM1*MQ*3******32*ALL NM1*MX*3******32*334545R	

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	NM101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual MA Party for whom item is ultimately intended Meter Addition – use when adding a meter to an existing account MQ Meter Location Meter Level Information Change – use when changing meter level information or attribute(s) for an existing meter. See notes section. MR Medical Insurance Carrier Meter Removal – use when removing a meter from an existing account MX Juvenile Witness Meter Exchange – use when exchanging a meter	M ID 2/3
Must Use	NM102	1065	Entity Type Qualifier Code qualifying the type of entity 3 Unknown	M ID 1/1
Must Use	NM108	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 32 Assigned by Property Operator Meter Number	X ID 1/2
Must Use	NM109	67	Identification Code Code identifying a party or other code Meter Number UNMETERED – for Unmetered Services ALL – for ALL meters on the Request Transaction (“ALL” is only valid for a Meter Level Information Change). Used to change information that is transmitted at the meter level, but applies to “ALL” meters for this customer, i.e., REF*LO, REF*NH, REF*PR, REF*TZ, REF*RB	X AN 2/80

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

Comments:

UIG Notes:	This convention of the REF segment is used for Account Maintenance and Update transactions, to convey meter-level change reason codes. The codes used in REF02 are maintained by the UIG. The first portion of the code identifies the segment that contains the data that has been changed; the remaining portion of the code identifies the relevant code qualifier for the data that has been changed. The changed data will appear in the appropriate element of the identified segment. For example, REF02 code of REFRB indicates that data in the REF segment that is identified by the qualifier RB (i.e. CSP Rate Code) has been changed to the value now shown in REF02 of the REF*RB segment.	
VA Use:	Request:	Required if change is at a meter (NM1) level
	Accept Response:	Optional
	Reject Response:	Optional
Example:	REF*TD*REFRB	

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification TD Reason for Change	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier NM1MA Meter Addition NM1MQ Change Metering Location Change of Meter Attributes: Meter Constant (REF*4P), Number of Dials (REF*IX), Meter Type (REF*MT) and Consumption Provided on 867 (REF*TU) NM1MR Meter Removal NM1MX Meter Exchange REFLO Change Load Profile REFNH Change LDC Rate Code REFPR Change LDC Rate Subclass Code REFRB Change CSP Rate REFTZ Change LDC Meter Cycle	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

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

Notes	Segment implies Meter Removal.	
VA Use:	Request:	Required for MX loop, not used for other Meter Loops.
	Accept Response:	Not Used
	Reject Response:	Not Used
Example:	REF*46*9938526S	

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 46 Old Meter Number	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **REF** Reference Identification
Position: 130
Loop: NM1
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:

VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	REF*LO*GS	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification LO Load Planning Number Load profile	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

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

Notes:	<p>If an LDC Rate Class is changed and all meters on the account have the same LDC Rate Class, the NM1 segment will contain NM1*MQ*3*****32*ALL.</p> <p>If an LDC Rate Class is changed, and it only applies to one or some meters, the NM1 segments will contain the specific meter number. If it applies to multiple meters (but not all of the meters on the account), multiple NM1 loops must be sent – one for each meter.</p> <p>If only the LDC Rate Class is changed, the associated REF*TD will be REF*TD*REFNH.</p>	
VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	REF*NH*RS1	

Data Element Summary

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

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

Notes:	<p>If an LDC Rate Subclass is changed and all meters on the account have the same LDC Rate Subclass, the NM1 segment will contain NM1*MQ*3*****32*ALL.</p> <p>If an LDC Rate Subclass is changed, and it only applies to one or some meters, the NM1 segments will contain the specific meter number. If it applies to multiple meters (but not all of the meters on the account), multiple NM1 loops must be sent – one for each meter.</p> <p>If only the LDC Rate Subclass is changed, the associated REF*TD will be REF*TD*REFPR.</p>
VA Use:	<p>LDC to CSP Request: Optional CSP to LDC Accept Response: Not Used CSP to LDC Reject Response: Not Used</p> <p>CSP to LDC Request: Not Used LDC to CSP Accept Response: Not Used LDC to CSP Reject Response: Not Used</p>
Example:	REF*PR*123

Data Element Summary

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

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

Notes:	If a CSP Rate Code is changed, the NM1 segment will contain NM1*MQ*3*****32*ALL. If only the CSP Rate Code is changed, the associated REF*TD will be REF*TD*REFRB.
VA Use:	Rate codes are established between the LDC and CSP prior to Enrollment. LDC to CSP Request: Not Used CSP to LDC Accept Response: Not Used CSP to LDC Reject Response: Not Used CSP to LDC Request: Optional LDC to CSP Accept Response: Not Used LDC to CSP Reject Response: Not Used
Example:	REF*RB*A29

Data Element Summary

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

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

Notes:	Since all meters on an account have the same meter reading schedule, the NM1 segment associated with a change in meter read cycle will be NM1*MQ*3*****32*ALL. Note that read cycle is optional for unmetered services. The associated REF*TD will be REF*TD*REFTZ.	
VA Use:	LDC to CSP Request:	Optional
	CSP to LDC Accept Response:	Not Used
	CSP to LDC Reject Response:	Not Used
	CSP to LDC Request:	Not Used
	LDC to CSP Accept Response:	Not Used
	LDC to CSP Reject Response:	Not Used
Example:	REF*TZ*15	

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 TZ Total Cycle Number LDC Meter Cycle. Cycle number when the meter will be read.	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **REF** Reference Identification
Position: 130
Loop: NM1
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:

VA Use:	There will be only be one REF*MT segment for each NM1 loop. If there are multiple meter types on this meter, the code COMBO will be used. Note that REF*MT does not apply to unmetered services.
	LDC to CSP Request: Required for change of Meter Type, Meter Multiplier, # Dials and Type of usage sent on 867
	CSP to LDC Accept Response: Not Used
	CSP to LDC Reject Response: Not Used
	CSP to LDC Request: Not Used
	LDC to CSP Accept Response: Not Used
	LDC to CSP Reject Response: Not Used
Example:	REF*MT*KHMON or REF*MT*COMBO

Data Element Summary

Ref. Des.	Data Element	Name	X12 Attributes
Must Use REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification MT Meter Type	M ID 2/3
Must Use REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is MT, the meter type is expressed as a five-character field. The first two characters are the type of consumption, the last three characters are the metering interval. "COMBO" is used for a meter that records more than one measurement. Valid values can be a combination of the following values:	X AN 1/30

Type of Consumption

K1	Kilowatt Demand
K2	Kilovolt Amperes Reactive Demand
K3	Kilovolt Amperes Reactive Hour
K4	Kilovolt Amperes
K5	Kilovolt Amperes Reactive
KH	Kilowatt Hour
T9	Thousand Kilowatt Hours
KQ	Kilowatt Q Hours

Metering Interval

Nnn	Number of minutes from 001 to 999
ANN	Annual
BIA	Bi-annual
BIM	Bi-monthly
DAY	Daily
MON	Monthly
QTR	Quarterly

For Example:

KHMON	Kilowatt Hours Per Month
K1015	Kilowatt Demand per 15 minute interval

Other Valid Codes

COMBO	This code is used to indicate that the meter has multiple measurements, e.g., one meter that measures both kWh and Demand.
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Segment: **REF** Reference Identification
Position: 130
Loop: NM1
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:

VA Use:	There will be one REF*4P segment for each Meter Type. This means that there may be more than one REF*4P segment per meter. For instance, when meter type is "COMBO", there may be a REF*4P to indicate the meter constant for the demand (example: REF*4P*1200*K1015) and a REF*4P to indicate the meter constant for the kWh (example: REF*4P*2400*KH015). Note that REF*4P does not apply to unmetered services. Request: Optional Accept Response: Not Used Reject Response: Not Used
Example:	REF*4P*10*KHMON REF*4P*100*K1MON

Data Element Summary

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

Segment: **REF** Reference Identification
Position: 130
Loop: NM1
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:

VA Use:	There will be one REF*IX segment for each Meter Type. This means that there may be more than one REF*IX segment per meter. For instance, when meter type is "COMBO", there may be a REF*IX to indicate the dials for the demand (example: REF*IX*5.1*K1015) and a REF*IX to indicate the dials for the kWh (example: REF*IX*6.0*KH015). Note that REF*IX does not apply to unmetered services. Request: Optional Accept Response: Not Used Reject Response: Not Used
Examples:	REF*IX*6.0*KHMON REF*IX*5.1*K1MON REF*IX*4.2*K1015

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 IX Item Number Number of Dials on the Meter displayed as the number of dials to the left of the decimal, a decimal point, and the number of dials to the right of the decimal.	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Must Use	REF03	352	Description A free-form description to clarify the related data elements and their content VA Implementation: Meter Type (see REF*MT for valid codes)	X AN 1/80

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

Segment: **REF** Reference Identification
Position: 130
Loop: NM1
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:

VA Use:	There will be one REF* TU segment for each Time Of Use reading (for each meter type for each meter) that will be provided on the 867. Note that REF* TU also applies to unmetered services.	
	Request:	Optional
	Accept Response:	Not Used
	Reject Response:	Not Used
Example:	REF* TU *41*K1MON	Multiple TUs will usually be sent on each 814!!!
	REF* TU *42*K1MON	
	REF* TU *51*K1MON	

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 TU Trial Location Code Used to indicate the type of metering information that will be sent on the 867 transaction.	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier 41 Off Peak 42 On Peak 43 Intermediate Peak 51 Total 66 Shoulder AA Summer On Peak AF Winter On Peak AC Summer Off Peak AH Winter Off Peak	X AN 1/30
Must Use	REF03	352	Description A free-form description to clarify the related data elements and their content VA Implementation: Meter Type (see REF* MT for valid codes)	X AN 1/80

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

Syntax Notes:

Semantic Notes:

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

PA Use:	Required
Example:	SE*28*00000001

Data Element Summary

	Ref.	Data		X12 Attributes
	Des.	Element	Name	
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Example: Change Request – Adding Two Meters

Note: One NM1 Loop is provided for each Meter that is added to the account.

BGN*13*1999040111956531*19990401	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
DTM*007*19990115	Effective Date of Change (optional)
NM1*MA*3*****32*12345678MG	Start of Meter Addition Loop, Meter # of meter added
REF*TD*NM1MA	Change Reason indicating Meter Addition
REF*LO*GS	Load Profile of New Meter
REF*NH*GS1	LDC Rate Class of New Meter
REF*PR*123	LDC Rate Subclass of New Meter
REF*RB*0300	CSP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*COMBO	Meter Type of New Meter
REF*4P*1*KHMON	Meter Constant of New Meter
REF*IX*5.0*KHMON	Number of Dials on New Meter
REF*TU*51*KHMON	Consumption provided on the 867
REF*4P*1*K1MON	Meter Constant of New Meter
REF*IX*5.0*K1MON	Number of Dials on New Meter
REF*TU*41*K1MON	Consumption provided on the 867
REF*TU*42*K1MON	Consumption provided on the 867
REF*TU*51*K1MON	Consumption provided on the 867
NM1*MA*3*****32*333333N	Start of second Meter Addition Loop, Meter # added
REF*TD*NM1MA	Change Reason indicating Meter Addition
REF*LO*GS	Load Profile of New Meter
REF*NH*GS1	LDC Rate Class of New Meter
REF*PR*123	LDC Rate Subclass of New Meter
REF*RB*0300	CSP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*K1MON	Meter Type of New Meter
REF*4P*1*K1MON	Meter Constant of New Meter
REF*IX*5.0*K1MON	Number of Dials on New Meter
REF*TU*51*K1MON	Totalized consumption will be provided on 867

Example: Accept Change Response – Adding Two Meters

Note: One NM1 Loop is provided for each Meter that is added to the account.

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Change Response – Adding Two Meters

Note: One NM1 Loop is provided for each Meter that is added to the account.

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – Removing Two Meters from an Account

Note: One NM1 Loop is provided for each Meter that is removed from the account.

BGN*13*1999040111956531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
DTM*007*19990115	Effective Date of Change (optional)
NM1*MR*3*****32*345673R	Start Meter Remove Loop, Meter # of meter removed
REF*TD*NM1MR	Change code indicating Meter Removal
NM1*MR*3*****32*235564R	Start 2nd Remove Loop, Meter # of meter removed
REF*TD*NM1MR	Change code indicating Meter Removal

Example: Accept Change Response – Removing Two Meters from an Account

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Change Response – Removing Two Meters from an Account

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – One-to-One Meter Exchange

Note: One old meter is being replaced with one new meter

BGN*13*1999040111956531*19990401**	Request, unique tran id and creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
DTM*007*19990115	Effective Date of Change (optional)
NM1*MX*3*****32*334545R	Start of Meter Exchange Loop, Meter # being added
REF*46*345573R	Old Meter Number – indicates meter exchange
REF*TD*NM1MX	Change Reason indicating Meter Exchange
REF*LO*GS	Load Profile of New Meter
REF*NH*GS1	LDC Rate Class of New Meter
REF*PR*123	LDC Rate Subclass of New Meter
REF*RB*0300	CSP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*COMBO	Meter Type of New Meter
REF*4P*1*KHMON	Meter Constant of New Meter
REF*IX*5.0*KHMON	Number of Dials on New Meter
REF*TU*51*KHMON	Consumption provided on the 867
REF*4P*1*K1MON	Meter Constant of New Meter
REF*IX*5.0*K1MON	Number of Dials on New Meter
REF*TU*41*K1MON	Consumption provided on the 867
REF*TU*42*K1MON	Consumption provided on the 867
REF*TU*51*K1MON	Consumption provided on the 867

Example: Accept Change Response – One-to-One Meter Exchange

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Change Response – One-to-One Meter Exchange

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – Two-to-One Meter Exchange

BGN*13*1999040111956531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
DTM*007*19990115	Effective Date of Change (optional)
NM1*MX*3*****32*334545R	Start of Meter Exchange Loop, Meter # being added
REF*TD*NM1MX	Change Reason indicating Meter Exchange
REF*46*335573R	Old Meter Number, indicating meter exchange
REF*LO*GS	Load Profile of New Meter
REF*NH*GS1	LDC Rate Class of New Meter
REF*PR*123	LDC Rate Subclass of New Meter
REF*RB*0300	CSP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*COMBO	Meter Type of New Meter
REF*4P*1*KHMON	Meter Constant of New Meter
REF*IX*5.0*KHMON	Number of Dials on New Meter
REF*TU*51*KHMON	Consumption provided on the 867
REF*4P*1*K1MON	Meter Constant of New Meter
REF*IX*5.0*K1MON	Number of Dials on New Meter
REF*TU*41*K1MON	Consumption provided on the 867
REF*TU*42*K1MON	Consumption provided on the 867
REF*TU*51*K1MON	Consumption provided on the 867
NM1*MR*3*****32*12345678MG	Start of Meter Removal Loop, Meter # being removed
REF*TD*NM1MR	Change Reason indicating Meter Removal

Example: Accept Change Response – Two-to-One Meter Exchange

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Change Response – Two-to-One Meter Exchange

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – One-to-Two Meter Exchange

BGN*13*1999040111956531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
DTM*007*19990115	Effective Date of Change (optional)
NM1*MX*3*****32*334545R	Start of Meter Exchange Loop, Meter # being added
REF*TD*NM1MX	Change Reason indicating Meter Exchange
REF*46*345573R	Old Meter, indicating that this is a Meter Exchange
REF*LO*GS	Load Profile of New Meter
REF*NH*GS1	LDC Rate Class of New Meter
REF*PR*123	LDC Rate Subclass of New Meter
REF*RB*0300	CSP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*COMBO	Meter Type of New Meter
REF*4P*1*KHMON	Meter Constant of New Meter
REF*IX*5.0*KHMON	Number of Dials on New Meter
REF*TU*51*KHMON	Consumption provided on the 867
REF*4P*1*K1MON	Meter Constant of New Meter
REF*IX*5.0*K1MON	Number of Dials on New Meter
REF*TU*41*K1MON	Consumption provided on the 867
REF*TU*42*K1MON	Consumption provided on the 867
REF*TU*51*K1MON	Consumption provided on the 867
NM1*MA*3*****32*12345678MG	Start 2 nd Meter Addition Loop, Meter # being added
REF*TD*NM1MA	Change Reason indicating Meter Addition
REF*LO*GS	Load Profile of New Meter
REF*NH*GS1	LDC Rate Class of New Meter
REF*PR*123	LDC Rate Subclass of New Meter
REF*RB*0300	CSP Rate Code of New Meter
REF*TZ*18	Meter Cycle of New Meter
REF*MT*KHMON	Meter Type of New Meter
REF*4P*1*KHMON	Meter Constant of New Meter
REF*IX*5.0*KHMON	Number of Dials on the New Meter
REF*TU*51*KHMON	Consumption provided on the 867

Example: Accept Change Response – One-to-Two Meter Exchange

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Change Response – One-to-Two Meter Exchange

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – Metered-to-Unmetered Exchange

Note: One meter is being replaced with Unmetered

BGN*13*1999040111956531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
DTM*007*19990115	Effective Date of Change (optional)
NM1*MX*3*****32*UNMETERED	Start of Meter Exchange Loop
REF*46*345573R	Old Meter Number – indicates meter exchange
REF*TD*NM1MX	Change Reason indicating Meter Exchange

Example: Accept Change Response – Metered-to-Unmetered Exchange

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Change Response – Metered-to-Unmetered Exchange

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – CSP Changing Rate Ready Rate Code

BGN*13*1999040111956531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
NM1*MQ*3*****32*334545R	Start of Meter Attribute Change Loop, Meter Number
REF*TD*REFRB	Change reason indicating CSP Rate Code change
REF*RB*A29	New CSP Rate Code

Example: Accept Change Response – CSP Changing Rate Ready Rate Code

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Change Response – CSP Changing Rate Ready Rate Code

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – Meter Attribute(s) Change

Scenario: LDC sent incorrect number of dials on Enrollment Response. The LDC sends a change request and includes all meter attributes.

BGN*13*1999040111956531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
DTM*007*19990115	Effective Date of Change (optional)
NM1*MQ*3*****32*334545R	Start of Meter Attribute Change Loop, Meter Number
REF*TD*NM1MQ	Change Reason indicating Change of Meter Attribute
REF*MT*COMBO	Meter Type of New Meter
REF*4P*1*KHMON	Meter Constant of New Meter
REF*IX*6.0*KHMON	Number of Dials on New Meter
REF*TU*51*KHMON	Consumption provided on the 867
REF*4P*1*K1MON	Meter Constant of New Meter
REF*IX*5.0*K1MON	Number of Dials on New Meter
REF*TU*41*K1MON	Consumption provided on the 867
REF*TU*42*K1MON	Consumption provided on the 867
REF*TU*51*K1MON	Consumption provided on the 867

Example: Accept Change Response – Meter Attribute Change

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Change Response – Meter Attribute Change

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – Load Profile, LDC Rate Class and Subclass Change

BGN*13*1999040111956531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
NM1*MQ*3*****32*334545R	Start of Meter Attribute Change Loop, Meter Number
REF*TD*REFLO	Change Reason indicating Load Profile
REF*TD*REFNH	Change Reason indicating LDC Rate Class
REF*TD*REFPR	Change Reason indicating LDC Rate Subclass
REF*LO*GS	Load Profile of New Meter
REF*NH*GS1	LDC Rate Class of New Meter
REF*PR*123	LDC Rate Subclass of New Meter

Example: Accept Change Response – Load Profile, LDC Rate Class and Subclass

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Change Response – Load Profile, LDC Rate Class and Subclass

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – Load Profile, LDC Rate Class, Subclass - all meters

BGN*13*1999040111956531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
DTM*007*19990115	Effective Date of Change (optional)
NM1*MQ*3*****32*ALL	Start of Meter Attribute Change Loop, Meter Number
REF*TD*REFLO	Change Reason indicating Load Profile
REF*TD*REFNH	Change Reason indicating LDC Rate Class
REF*TD*REFPR	Change Reason indicating LDC Rate Subclass
REF*LO*GS	Load Profile of New Meter
REF*NH*GS1	LDC Rate Class of New Meter
REF*PR*123	LDC Rate Subclass of New Meter

Example: Accept Response – Load Profile, LDC Rate Class, Subclass – all meters

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response – Load Profile, LDC Rate Class, Subclass - all meters

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Request – Change in Meter Read Cycle

BGN*13*1999040111956531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
NM1*MQ*3*****32*ALL	Start of Meter Attribute Change Loop, Meter Number
REF*TD*REFTZ	Change Reason indicating Meter Cycle
REF*TZ*15	New Meter Cycle

Example: Accept Response – Change in Meter Read Cycle

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Reject Response – Change in Meter Read Cycle

BGN*11*1999040212001*19990401***1999040111956531	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – Customer Service Address

BGN*13*1999040111956531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
N3*123 N MAIN ST*MS FLR13	New Service Address
N4*ANYTOWN*VA*18111	New Service Address
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Request Change
REF*TD*N18R	Change Reason for Service Address
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Accept Response – Customer Service Address

BGN*11*1999040212001*19990401***1999040111956531	Request, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Reject Response – Customer Service Address

BGN*11*1999040212001*19990401***1999040111956531	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – Billing Cycle

BGN*13*1999040111956*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Change Request
REF*TD*REFBF	Change Reason for Billing Cycle
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
REF*BF*18	New Billing Cycle

Example: Accept Response – Change Billing Cycle

BGN*11*1999040212001*19990401***1999040111956	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Response
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response – Change Billing Cycle

BGN*11*1999040212001*19990401***1999040111956	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Response
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – DUAL bill to LDC Rate Ready

BGN*13*199904011956531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Change Request
REF*TD*REFBLT	Change Reason for Billing Type
REF*TD*REFPC	Change Reason for Bill Calc Method
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
REF*BLT*LDC	New Billing Type
REF*PC*LDC	New Bill Calc Method

Example: Accept Response – DUAL bill to LDC Rate Ready

BGN*11*1999040212001*19990401***199904011956531	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Request
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response – DUAL bill to LDC Rate Ready

BGN*11*1999040212001*19990401***199904011956531	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – DUAL to LDC Bill Ready

BGN*13*199904011196531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Change Request
REF*TD*REFBLT	Change Reason for Billing Type
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
REF*BLT*LDC	New Billing Type

Example: Accept Response – DUAL to LDC Bill Ready

BGN*11*1999040212001*19990401***1999040111956531	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Request
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response – DUAL to Bill Ready

BGN*11*1999040212001*19990401***1999040111956531	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Change Request – LDC Bill Ready to DUAL

BGN*13*199904011195531*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Change Request
REF*TD*REFBLT	Change Reason for Billing Type
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
REF*BLT*DUAL	New Billing Type

Example: Accept Response – LDC Bill Ready to DUAL

BGN*11*1999040212001*19990401***199904011195531	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Request
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response – LDC Bill Ready to DUAL

BGN*11*1999040212001*19990401***199904011195531	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Request - Change Service Period Start

BGN*13*199904011195631*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Change Request
REF*TD*DTM150	Change Reason for Service Period Start Date
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
DTM*150*19990115	New Service Period Start Date

Example: Accept Response - Change Service Period Start

BGN*11*1999040212001*19990401***199904011195631	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Request
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response - Change Service Period Start

BGN*11*1999040212001*19990401***199904011195631	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Request - Change Service Period End

BGN*13*199904011195651*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric

ASI*7*001	Change Request
REF*TD*DTM151	Change Reason for change in Service End Date
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number
DTM*151*19990215	New Service Period End Date

Example: Accept Response - Change Service Period End

BGN*11*1999040212001*19990401***199904011195651	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Request
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response - Change Service Period End

BGN*11*1999040212001*19990401***199904011195651	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Request - Change in Party to Receive Copy of Bills

BGN*13*199904011195631*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
N1*2C*THOMOS SMITH	New Party to Receive Copy of Bills
N3*4251 S ELECTRIC ST*MS 25	New Address of Party to Receive Copy of Bills
N4*ANYTOWN*VA*18111	New Address of Party to Receive Copy of Bills
PER*IC*THOMAS SMITH*TE*8005552878*FX8005556789*EM*CUST OMER@SERVICE.COM	New Contact Info for Party to Receive Copy of Bills
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Change Request
REF*TD*N12C	Change Reason for Party to Receive Copy of Bills
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Accept Response - Change in Party to Receive Copy of Bills

BGN*11*1999040212001*19990401***199904011195631	Response, unique tran id, creation date/ and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Request
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response - Change in Party to Receive Copy of Bills

BGN*11*1999040212001*19990401***199904011195631	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Request - Delete Party to Receive Copy of Bills

BGN*13*199904011195631*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Change Request
REF*TD*N12C*D	Change Reason for Party to Receive Bills (REF03 of D means delete)
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Accept Response - Delete Party to receive copy of bills

BGN*11*1999040212001*19990401***199904011195631	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Request
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response - Delete Party to receive copy of bills

BGN*11*1999040212001*19990401***199904011195631	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Request - Change in Billing Address

BGN*13*199904011195653*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
N1*BT*THOMOS SMITH	New Billing Name
N3*4251 S ELECTRIC ST*MS 25	New Billing Address
N4*ANYTOWN*VA*18111	New Billing Address
PER*IC*THOMAS SMITH*TE*8005552878*FX8005556789*EM*CUSTOMER@SERVICE.COM	New Billing Address Contact
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Change Request
REF*TD*N1BT	Change Reason for Billing Address
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Accept Response - Change in Billing Address

BGN*11*1999040212001*19990401***199904011195653	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Request
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response - Change in Billing Address

BGN*11*1999040212001*19990401***199904011195653	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*2348400586	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Request – Change CSP Account Number

BGN*13*199904011195651*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Change Request
REF*TD*REF11	Change Reason for CSP Account Number
REF*11*3452344567	New CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Accept Response - Change CSP Account Number

BGN*11*1999040212001*19990401***199904011195651	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Request
REF*11*3452344567	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response - Change CSP Account Number

BGN*11*1999040212001*19990401***199904011195651	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*3452344567	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Request – Change in Interval Status

BGN*13*199904011195531***19990401	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*SI	Unique transaction reference number, electric (LIN05 = SI)
ASI*7*001	Change Request
REF*TD*REF17	Change Reason for Interval Status
REF*11*3452344567	CSP Account Number
REF*12*2931839200	LDC Account Number
REF*17*SUMMARY	New Interval Status

Example: Accept Response – Change in Interval Status

BGN*11*1999040212001*19990401***199904011195531	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*SI	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Request
REF*11*3452344567	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Reject Response – Change in Interval Status

BGN*11*1999040212001*19990401***199904011195531	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*SI	Unique transaction reference number, electric
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*11*3452344567	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Multiple Change Request - Change CSP Account Number & Billing Type

BGN*13*199904011195651*19990401**	Request, unique tran id, creation date
N1*8S*LDC COMPANY*1*007909411**40	LDC Name, LDC DUNS information, receiver
N1*SJ*CSP COMPANY*9*007909422CSP1**41	CSP Name, CSP DUNS information, submitter
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*7*001	Change Request
REF*TD*REF11	Change Reason for CSP Account Number
REF*TD*REFBLT	Change Reason for Billing Type
REF*11*3452344567	New CSP Account Number
REF*12*2931839200	LDC Account Number
REF*BLT*DUAL	New Billing Type

Example: Multiple Change Accept Response – Change CSP Account Number & Billing Type

BGN*11*1999040212001*19990401***199904011195651	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*WQ*001	Accept Change Request
REF*TD*REF11	REF*TD Optional on responses
REF*TD*REFBLT	REF*TD Optional on responses
REF*11*3452344567	CSP Account Number
REF*12*2931839200	LDC Account Number

Example: Multiple Change Reject Response – Change CSP Account Number & Billing Type

BGN*11*1999040212001*19990401***199904011195651	Response, unique tran id, creation date and original tran id from request transaction
N1*8S*LDC COMPANY*1*007909411**41	LDC Name, LDC DUNS information, submitter
N1*SJ*CSP COMPANY*9*007909422CSP1**40	CSP Name, CSP DUNS information, receiver
N1*8R*CUSTOMER NAME	Customer Name
LIN*CHG1999123108000001*SH*EL*SH*CE	Unique transaction reference number, electric
ASI*U*001	Reject Change Request
REF*7G*A76*ACCOUNT NOT FOUND	Reject Reason
REF*TD*REF11	REF*TD Optional on responses
REF*TD*REFBLT	REF*TD Optional on responses
REF*11*3452344567	CSP Account Number
REF*12*2931839200	LDC Account Number