

**Pennsylvania
New Jersey
Delaware
Maryland**

**Implementation
Guideline**

For

Electronic Data Interchange

TRANSACTION SET

814 Drop

Request and Response

Ver/Rel 004010

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| | Summary of Changes |
|---|---|
| <p>May 27, 1999 Version 1.0</p> | <p>Issued as FINAL for Pennsylvania – Version 1.0 for 4010</p> |
| <p>June 7, 1999 Version 1.1</p> | <ul style="list-style-type: none"> • Added NJ rules / definitions to Notes page • Remove N2 segment from page 5 • Corrected Accept Response Use on drop for N1*8S (LDC), N1*SJ (ESP), and N1*8R (Customer) • Corrected use on Mailing Address LDC to ESP Accept Response should be “not used” • Added NJ clarifications to Pending Drop, REF*11 (ESP Account number, REF*45 (Old LDC Acct number) • Corrected IP usage for codes 007 (ESP to LDC only) and 020 (LDC to ESP only) |
| <p>June 12, 1999 Version 1.2</p> | <ul style="list-style-type: none"> • Added clarification for forwarding address for New Jersey |
| <p>June 30, 1999 Version 2.0</p> | <ul style="list-style-type: none"> • Issued as FINAL for New Jersey. • Changed “EGS” to “ESP” and “LDC” to “LDC” throughout the guideline. Removed “NJ Definitions” and replaced it with “LDC Definitions” and “ESP Definitions” in the Notes section. • Changed LIN01 to say that the tracking number must be unique over all time. • Corrected LIN03 to “Identifies the product” instead of “Indicates a customer request to obtain Electric Service” • Corrected spelling errors and formatting. • Added “How to use the implementation guideline” page. In addition, changed all headers to the true X12 definition... correcting some mistakes that were missed in 4010. Also corrected the Table on Page 4 to reflect X12 definitions and added the words “X12 Structure” to the title on that page. • Copied LIN notes from Enrollment • Added examples (Zip+4 on N4, FX & EM on PER, etc.) • Updated rules for status and rejection reasons. • Combined “PA Implementation” with “PA Use” • Corrected LDC to ESP Accept Response to allow the mailing address to be optional per data dictionary. • Added note from Enrollment regarding ESP Account number • Added N106 (Sender and Receiver) to ESP and LDC for consistency with other 814s. |
| <p>July 2, 1999 Version 2.1</p> | <ul style="list-style-type: none"> • Clarified note on REF*7G • Changed rejection code “Cannot Identify Service Provider” to “Cannot Identify ESP” for consistency. |
| <p>October 1, 1999 DRAFT Version 2.1a</p> | <p>Change Control #004:</p> <ul style="list-style-type: none"> • Moved Rules that were on the Data Dictionary Intro Page to the Implementation Guideline Notes Page • Moved NJ Rules to a separate page including one rule that was on the Data Dictionary • For the “Echoing Data on Reject” rule on the notes page, changed the word “will” to “may” ... the response “may” echo back the invalid data... • Clarified graybox for LIN05 • Clarified notes for ASI (removed “status” because it is for both rejection and status reason codes). • Clarified REF03 for REF*1P • Examples: fixed sender/receiver codes on Drop Request LDC to ESP example and added information in right column for forwarding address. • Added Delaware Use for Delmarva • Clarified Delmarva’s storing of ESP account number. • Fixed some X12 descriptions |

| | |
|--|---|
| November 4, 1999 Version 2.2 | This is a FINAL version for Pennsylvania and New Jersey |
| November, 1999 Draft version 2.2MD1 | <ul style="list-style-type: none"> • Add Maryland use to document – the changes were added to the DRAFT version 2.2 of the regional standards • Added sample Data Dictionary to Implementation Guide • Add Table of Contents • Added note to N1*FE (Forwarding Address) to indicate that Delmarva can not provide this information. |
| December 23, 1999 Version 2.2MD2 | <ul style="list-style-type: none"> • Modified Data Dictionary Customer Name length to allow for 60 for Maryland |
| January 17, 2000 Version 2.2MD3 | <ul style="list-style-type: none"> • PA Change Control 011 – Allow API, A91 as valid drop rejection reasons (REF*7G) |
| February 24, 2000 Version 2.2MD4 | <ul style="list-style-type: none"> • Clarified use of Old Account Number (REF*45) |
| March 31, 2000 Version 2.2MD5 | <ul style="list-style-type: none"> • Incorporate PA Change Request x01?: Make forwarding address required if it was provided to LDC (PA only). • This transaction is considered FINAL for Maryland |
| March 31, 2000 Version 2.2MD6 | Corrected LIN examples from LIN*SH to LIN*1*SH |
| May 14, 2000 Version 2.3 | This document is a new finalized version of PA and MD. NJ is still using Version 2.2. |
| September 10, 2000 Version 2.4 | This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware (Delmarva only). |
| October 19, 2001 Version 2.4rev01 | <ul style="list-style-type: none"> • Incorporate PA Change Control 037 (B42 – Alleged Slam) • Incorporate Delaware Electric Coop (DEC) information for Delaware |
| December 13, 2001 Version 2.4rev02 | Delete PA Change Control 037 (not approved) |
| January 9, 2002 Version 3.0 | This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware. |
| June 8, 2005 Version 4.0 | <ul style="list-style-type: none"> • Incorporate PA Change Control 041 (B42 – Alleged Slam) |
| January 20, 2006 Version 4.0.1D | <ul style="list-style-type: none"> • Incorporate NJ Change Control 005 (NJ CleanPower program changes) • Incorporate NJ Change Control 006 to reflect current operations |
| October 23, 2006 Version 4.0.2D | <ul style="list-style-type: none"> ▪ Incorporate NJ Change Control 008 to reflect NJ CleanPower – unmetered usage for RECO) |
| February 12, 2007 Version 4.0.3F | <ul style="list-style-type: none"> ▪ Considered FINAL for PA and NJ |
| July 4, 2009 Version 4.0.5D | <ul style="list-style-type: none"> ▪ Incorporate NJ Change Control PSEG-E-Ref45 ▪ Incorporate MD Change Control RM17-814 |
| January 24, 2010 Version 3.1 | This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware. |
| September 8, 2010 Version 4.1.1D | <ul style="list-style-type: none"> • Incorporate PA Change Control 060 • Incorporate MD Change Control – Admin (Admin/Cleanup change for MD) |
| February 28, 2011 Version 5.0 | This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware. |
| February 16, 2012 Version 5.01 | <ul style="list-style-type: none"> • Incorporate PA Change Control 093 (Admin updates) |

| | |
|----------------------------------|--|
| March 8, 2013 Version 6.0 | <ul style="list-style-type: none">• Moving to v6.0 to align versions across all transaction sets• Cleaned up references to Allegheny and APS throughout document |
| March 17, 2014 Version 6.1 | <ul style="list-style-type: none">• Incorporate MD Change Control 022 (PHI new CIS, changes to 814D)• Incorporate NJ Change Control Electric 023 (ACE new CIS, changes to 814D)• Incorporate NJ Change Control Electric 031 (Rockland removal from IG) |
| February 18, 2015 Version 6.2 | <ul style="list-style-type: none">• Incorporate PA Change Control 118 (EGS optional response)• Incorporate PA Change Control 120 (add drop/reason code NLI to REF1P) |
| February 5, 2016 Version 6.3 | <ul style="list-style-type: none">• Incorporate PA Change Control 130 (add drop reason code SMW to REF1P) |
| March 14, 2017 Version 6.4 | <ul style="list-style-type: none">• Incorporate PA Change Control 135 (add reject reason code ICW to REF7G)• Incorporate MD Change Control 047 (add reject reason code MAX to REF7G) |
| May 18, 2018 Version 6.5 | <ul style="list-style-type: none">• Incorporate MD Change Control 049 (clarify drop processing in MD Notes) |
| March 22, 2019 Version 6.6 | <ul style="list-style-type: none">• Incorporate NJ Change Control Electric 048 (End Clean Power program in NJ Notes) |

| | General Notes |
|--|--|
| Use | <ul style="list-style-type: none"> • The Drop Request can be used for any of the following situations: <ul style="list-style-type: none"> • Customer Contacts LDC to Drop ESP (Switch to LDC) • Customer Contacts New ESP to Switch (Triggers Drop to Old ESP) • Customer Rescinds Enrollment Request • ESP Drops Customer • LDC Drops Customer – Temporary (Includes Terminations and Temporary Disconnects) • LDC Drops Customer – Permanent (Includes Final Terminations and Final Bills) |
| One Account per 814 | One customer account per 814. |
| Tracking number on Request and Response transactions | On the request, the LIN01 is a unique tracking number for each line item (LIN) in this transaction. This number must be unique over all time, and is assigned by the sender of the request transactions. This number must be returned on the response transaction (accept or reject), in the same element (LIN01). |
| Multiple LINS | There is only one LIN per account per 814 |
| Response per LIN | <p>There will be one 814 drop response for each 814 drop request.</p> <p>In Pennsylvania it's the option of the EGS to send the drop response to LDC imitated drop requests. The 997 Functional Acknowledgement is required by all parties. In the event the EGS opts out of sending the 814 response, the 997 becomes more critical being the proof the EGS processed the utility request.</p> |
| Temporary/Final | The Drop transaction must be differentiated between a temporary drop and a permanent drop. A temporary drop may include the initial termination for non-payment or any seasonal or temporary disconnect. The final drop may include the permanent disconnect after a waiting period for termination, a customer moving outside the service territory, switches, etc. |
| Drop Reason Required on Request | The Drop transaction requires a Status Reason Code on the Request to inform the other party why the customer is being dropped. There are also conditions when a Status Reason Code must be conveyed on a Response transaction. Please refer to the REF*1P segment for details. |
| Echoing Data on Reject | If a transaction is rejected due to invalid information, the Response may echo back the invalid data along with the reason code. |
| LDC Definitions: | <p>The term LDC (Local Distribution Company) in this document refers to the utility. Each state may refer to the utility by a different acronym:</p> <ul style="list-style-type: none"> • EDC – Electric Distribution Company (Pennsylvania, Delaware) • LDC – Local Distribution Company (New Jersey) • EC – Electric Company (Maryland) |
| ESP Definitions: | <p>The term ESP (Energy Service Provider) in this document refers to the supplier. Each state may refer to the supplier by a different acronym:</p> <ul style="list-style-type: none"> • EGS – Electric Generation Supplier (Pennsylvania) • TPS – Third Party Supplier (New Jersey) • ES – Electric Supplier (Delaware) • ES – Electricity Supplier (Maryland) |
| Renewable Energy Provider Definition: | <p>The term Renewable Energy Provider in this document refers to the party that provides Renewable Energy Credits (RECs). This party does not provide generation to the account. Each state may refer to the Renewable Energy Provider by a different acronym:</p> <ul style="list-style-type: none"> • GPM – Green Power Marketer (New Jersey) <p>Note: The transaction will either have an ESP or a Renewable Energy Provider, but not both.</p> |

| New Jersey Notes | |
|-------------------------|---|
| Drop Processing Time | <ul style="list-style-type: none"> A drop may be processed up to 13 days prior to the scheduled meter read. |
| Rescinding a Drop | <ul style="list-style-type: none"> NJ Rules allow for a customer to rescind a drop when they initiated it through the LDC. If this happens, the LDC will send a reinstatement transaction to the ESP. If the ESP sends the drop to the LDC, it may not be rescinded. |
| NJ Clean Power Choice | <p>Pursuant to Board Order, Docket No. QO18040393, dated June 22, 2018, the Clean Power Choice Program is scheduled to end effective February 28, 2019. The EDI segments and data elements used for Clean Power Choice will remain in the EDI Implementation Guidelines to support any cancel/rebill scenarios or for future use in the event another program is established that may need these data elements.</p> |

| Delaware Notes | |
|-----------------------|--|
| Rescinding a Drop: | <ul style="list-style-type: none"> DE Rules allow for a customer to rescind a drop when they initiated it through the LDC. If this happens, the LDC will send a reinstatement transaction to the ESP. If the ESP sends the drop to the LDC, it may not be rescinded. |

| Maryland Notes | |
|-----------------------|---|
| Rescinding a Drop | <ul style="list-style-type: none"> In MD the supplier may reverse/cancel their drop request to the utility within 2 business days of the drop request by sending the Drop Cancel to the utility via EDI 814 Enrollment with REF*1P*EB1. If the drop cancel is received outside the 2-business day window, the request will be rejected by the utility. |

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

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

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

One or more examples.

Data Element Summary

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

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

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

This column shows the X12 attributes for each data element. Please refer to Data Dictionary for individual state rules.

M = Mandatory, O= Optional, X = Conditional

AN = Alphanumeric, N# = Decimal value, ID = Identification, R = Real

1/30 = Minimum 1, Maximum 30

814 General Request, Response or Confirmation X12 Structure

Functional Group ID=**GE**

Heading

| | <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 | | |

Summary

| | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max. Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|----------|-----------------|----------------|-------------------------|------------------|-----------------|--------------------|---------------------------|
| Must Use | 150 | SE | Transaction Set Trailer | M | 1 | | |

Transaction Set Notes:

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

Data Dictionary for 814 Drop

| <i>Appl Field</i> | <i>Field Name</i> | <i>Description</i> | <i>EDI Element</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 | Unique Number assigned by the sender identifying 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 | Transaction Reference Number | Original Transaction Reference Number echoed from the Original Request Transaction (BGN02). | BGN06 | | X(30) |
| 5 | LDC Name | LDC's Name | N102 | N1: N101 = 8S | X(60) |
| 6 | LDC Duns | LDC's DUNS Number or DUNS+4 Number | N104 | N1: N101 = 8S N103 = 1 or 9 N106 = 40 or 41 | X(13) |
| 7 | ESP Name | ESP's Name | N102 | N1: N101 = SJ | X(60) |
| 8 | ESP Duns | ESP's DUNS Number or DUNS+4 Number | N104 | N1: N101 = SJ N103 = 1 or 9 N106 = 40 or 41 | X(13) |
| 8.3 | Renewable Energy Provider Name | Renewable Energy Provider 's Name | N102 | N1: N101 = G7 | X(60) |
| 8.4 | Renewable Energy Provider Duns | Renewable Energy Provider 's DUNS Number or DUNS+4 Number | N104 | N1: N101 = G7 N103 = 1 or 9 N106 = 40 or 41 | X(13) |
| 9 | Customer Name | Customer Name as it appears on the Customer's Bill | N102 | N1: N101 = 8R | X(35) Note: X(60) for MD |
| 10 | Customer Name for Forwarding Address | Customer Name | N102 | N1: N101 = FE | X(35) |
| 11 | Forwarding Address | Customer Forwarding Address | N301 & N302 | N1: N101 = FE | X(55) |
| 12 | City | Customer Forwarding Address | N401 | N1: N101 = FE | X(30) |
| 13 | State | Customer Forwarding Address | N402 | N1: N101 = FE | X(2) |
| 14 | Zip Code | Customer Forwarding Address | N403 | N1: N101 = FE | X(9) |
| 15 | Country Code | Customer Forwarding Mail Address | N404 | N1: N101 = FE | X(3) |
| 16 | Customer Contact Name | Contact Name associated with the Customer Telephone Number | PER02 | PER01= IC | X(60) |
| 17 | Customer Telephone Number | Contact Telephone Number for the customer | PER04 | N1: N101 = FE PER01 = IC PER03 = TE | X(10) |
| 18 | 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) |

| | | | | | |
|--|---|---|--|---|-------|
| 19 | Generation Services Indicator or Renewable Energy Certificate Service | Indicates the transaction is related to: CE - Generation Services RC – Renewable Energy Certificate Service | LIN05 = CE or RC | LIN02 = SH LIN03 = EL LIN04 = SH | X(2) |
| 20 | Action Code | Used to indicate this is a drop transaction. On the request, this will be either "F" (permanent drop) or "A4" (temporary drop) | ASI01= Request: F (permanent) or A4 (temporary) Accept Response: WQ Reject Response: U | LIN: ASI02= 024 | X(2) |
| Note that the following REF segments may appear in any order on the actual EDI transaction. | | | | | |
| 21 | Rejection Reason Code | Code explaining reason for rejection. | REF02 | LIN: REF01= 7G | X(3) |
| 22 | Rejection Reason Text | Text explaining rejection. | REF03 | LIN: REF01= 7G | X(80) |
| 23 | 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) |
| 24 | Status Reason Text | Text to provide status information. | REF03 | LIN: REF01= 1P | X(80) |
| 25 | ESP Account Number | ESP Customer Account Number | REF02 | LIN: REF01= 11 | X(30) |
| 26 | LDC Account Number | LDC Customer Account Number | REF02 | LIN: REF01= 12 | X(30) |
| 26.2 | LDC Account Number - unmetered | LDC Customer Account Number – Unmetered | REF03 | N1: N101 = 8R REF01 = 12 REF03 = U | X(80) |
| 27 | Old Account Number | Previous LDC Customer Account Number | REF02 | LIN: REF01= 45 | X(30) |
| 28 | Service Period End Date | Estimated date of termination of service | DTM02 | DTM01= 151 | 9(8) |

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:

| | |
|-----------------|------------------|
| PA Use: | Required |
| NJ Use: | Required |
| DE Use: | Required |
| MD Use: | Required |
| Example: | ST*814*000000001 |

Data Element Summary

| | Ref. | Data | Name | X12 Attributes |
|----------|-------------|----------------|--|-----------------------|
| | Des. | Element | | |
| Must Use | ST01 | 143 | Transaction Set Identifier Code Code uniquely identifying a Transaction Set 814 General Request, Response or Confirmation | M ID 3/3 |
| Must Use | ST02 | 329 | Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | M AN 4/9 |

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:

| | |
|--------------------------|---|
| PA Use: | Required |
| NJ Use: | Required |
| DE Use: | Required |
| MD 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.</u> <u>Des.</u> | <u>Data</u> <u>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 (8S=LDC 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.

| | |
|------------------|--|
| PA Use: | Request: Required Accept Response: Required Reject Response: Required for response if provided in the request. |
| NJ Use: | Same as PA |
| DE Use: | Same as PA |
| MD Use: | Same as PA |
| Examples: | N1*8S*LDC COMPANY*1*007909411**40 (as Receiver) 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 |
| Must Use | 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 (SJ=ESP 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.

| | |
|------------------|--|
| PA Use: | Request: Required Accept Response: Required Reject Response: Required for response if provided in the request. |
| NJ Use: | Same as PA |
| DE Use: | Same as PA |
| MD Use: | Same as PA |
| Examples: | N1*SJ*ESP COMPANY*9*007909422ESP1**41 (as Sender) N1*SJ*ESP COMPANY*9*007909422ESP1**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 ESP | M ID 2/3 |
| Must Use | N102 | 93 | Name Free-form name ESP 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 ESP D-U-N-S Number or D-U-N-S + 4 Number | X AN 2/80 |
| Must Use | 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 (G7=Renewable Energy Provider 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.

| | |
|-----------------|--|
| PA Use: | Not used |
| NJ Use: | Required |
| DE Use: | Not used |
| MD Use: | Not used |
| Example: | N1*G7*RENEWABLE COMPANY*O*007909422GPM |

Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes |
|-----------------|------------------|---------------------|--|-------------------|
| Must Use | N101 | 98 | Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual G7 Entity Providing the Service Renewable Energy Provider | M ID 2/3 |
| Must Use | N102 | 93 | Name Free-form name Renewable Energy Provider 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 Renewable Energy Provider D-U-N-S Number or D-U-N-S + 4 Number | X AN 2/20 |
| Must Use | 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 (8R=Customer 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.

| | |
|-----------------|--|
| PA Use: | Request: Required Accept Response: Required Reject Response: Required for response if provided in the request. |
| NJ Use: | Same as PA |
| DE Use: | Same as PA |
| MD Use: | Same as PA |
| 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 | X AN 1/60 |

Segment: **N1** Name (FE=Forwarding Address)
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.

| | | |
|-----------------|---|---|
| PA Use: | LDC Initiated Drop Request: | Required if customer moved and has provided a forwarding address. |
| | ESP Accept Response for LDC Init Drop: | Not Used |
| | ESP Initiated Drop Request: | Not Used |
| | LDC Accept Response for ESP Init. Drop: | Optional if customer moved and has provided a forwarding address. |
| | ALL Reject Responses: | Not Used |
| NJ Use: | LDC Initiated Drop Request: | Optional if customer moved and has provided a forwarding address. |
| | ESP Accept Response for LDC Init Drop: | Not Used |
| | ESP Initiated Drop Request: | Not Used |
| | LDC Accept Response for ESP Init. Drop: | Optional if customer moved and has provided a forwarding address. |
| | ALL Reject Responses: | Not Used |
| | Note: | Atlantic City Electric, JCP&L – store data and will provide it PSE&G – Cannot provide this information |
| DE Use: | Same as NJ | |
| MD Use: | Same as NJ | |
| Example: | N1*FE*CUSTOMER NAME | |

Data Element Summary

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

Segment: N3 Address Information (Forwarding Address)
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:

| | | |
|-----------------|---|---|
| PA Use: | LDC Initiated Drop Request: | Required if customer moved and has provided a forwarding address. |
| | ESP Accept Response for LDC Init Drop: | Not Used |
| | ESP Initiated Drop Request: | Not Used |
| | LDC Accept Response for ESP Init. Drop: | Optional if customer moved and has provided a forwarding address. |
| | ALL Reject Responses: | Not Used |
| NJ Use: | LDC Initiated Drop Request: | Optional if customer moved and has provided a forwarding address. |
| | ESP Accept Response for LDC Init Drop: | Not Used |
| | ESP Initiated Drop Request: | Not Used |
| | LDC Accept Response for ESP Init. Drop: | Optional if customer moved and has provided a forwarding address. |
| | ALL Reject Responses: | Not Used |
| | Note: | Atlantic City Electric, JCP&L – store data and will provide it PSE&G – Cannot provide this information |
| DE Use: | Same as NJ | |
| MD Use: | Same as NJ | |
| Example: | N3*4251 S ELECTRIC ST*MS 25 | |

Data Element Summary

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

Segment: **N4 Geographic Location (Forwarding Address)**
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.

| | | |
|------------------|---|---|
| PA Use: | LDC Initiated Drop Request: | Required if customer moved and has provided a forwarding address. |
| | ESP Accept Response for LDC Init Drop: | Not Used |
| | ESP Initiated Drop Request: | Not Used |
| | LDC Accept Response for ESP Init. Drop: | Optional if customer moved and has provided a forwarding address. |
| | ALL Reject Responses: | Not Used |
| NJ Use: | LDC Initiated Drop Request: | Optional if customer moved and has provided a forwarding address. |
| | ESP Accept Response for LDC Init Drop: | Not Used |
| | ESP Initiated Drop Request: | Not Used |
| | LDC Accept Response for ESP Init. Drop: | Optional if customer moved and has provided a forwarding address. |
| | ALL Reject Responses: | Not Used |
| | Note: | Atlantic City Electric, JCP&L – store data and will provide it PSE&G – Cannot provide this information |
| DE Use: | Same as NJ | |
| MD Use: | Same as NJ | |
| Examples: | N4*ANYTOWN*PA*18111 N4*ANYTOWN*PA*181110001*US | |

Data Element Summary

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

Segment: **PER** Administrative Communications Contact (Forwarding Address)
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:

| | | |
|-----------------|--|---|
| PA Use: | LDC Initiated Drop Request: | Required if customer moved and has provided a forwarding address. |
| | ESP Accept Response for LDC Init Drop: | Not Used |
| | ESP Initiated Drop Request: | Not Used |
| | LDC Accept Response for ESP Init. Drop: | Optional if customer moved and has provided a forwarding address. |
| | ALL Reject Responses: | Not Used |
| NJ Use: | LDC Initiated Drop Request: | Optional if customer moved and has provided a forwarding address. |
| | ESP Accept Response for LDC Init Drop: | Not Used |
| | ESP Initiated Drop Request: | Not Used |
| | LDC Accept Response for ESP Init. Drop: | Optional if customer moved and has provided a forwarding address. |
| | ALL Reject Responses: | Not Used |
| | Note: | Atlantic City Electric, JCP&L – store data and will provide it PSE&G – Cannot provide this information |
| DE Use: | Same as NJ | |
| MD Use: | Same as NJ | |
| Example: | PER*IC*CUSTOMER NAME*TE*8005551212 PER*IC*CUSTOMER NAME*TE*8005551212*FX*8005552121*EM*CUSTOMER@SER.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 | X ID 2/2 |

| | | | | | |
|----------|--------------|------------|---|----------|----------------|
| | | | TE Telephone | | |
| Optional | PER06 | 364 | Communication Number | X | AN 1/80 |
| | | | Complete communications number including country or area code when applicable | | |
| Optional | PER07 | 365 | Communication Number Qualifier | X | ID 2/2 |
| | | | Code identifying the type of communication number | | |
| | | | EM Electronic Mail | | |
| | | | FX Facsimile | | |
| | | | TE Telephone | | |
| Optional | PER08 | 364 | Communication Number | X | AN 1/80 |
| | | | Complete communications number including country or area code when applicable | | |

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.
- 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item.
For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

| | |
|------------------|---|
| Notes: | The 3070 version of the 814 guideline allowed all services to be transmitted in one LIN segment. This was difficult to process and track. Version 4010 restricts the use of LIN03 to identify the product (electric vs. gas) and LIN05 to identify the service being requested. For example, <i>LIN*I*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*1*SH*EL*SH*HU\ requests historical usage of electric service LIN*1*SH*GAS*SH*MI\ requests meter information on the gas service |
| PA Use: | Request: Required Accept Response: Required Reject Response: Required if it was provided on the request. |
| NJ Use: | Same as PA |
| DE Use: | Same as PA |
| MD Use: | Same as PA |
| Examples: | LIN*DROP1999012000000001*SH*EL*SH*CE |

Data Element Summary

| | Ref. Des. | Data Element | Name | X12 Attributes |
|----------|------------------|---------------------|--|-----------------------|
| 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 time. This number must be returned on the response transaction in the same element. This tracking number was provided in REF*TN in Version 3070. | 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 | M AN 1/48 |

| | | | | | |
|----------|-------|-----|-------------------------------------|---|------------------|
| | | | EL | Electric Service | |
| | | | | Identifies the product | |
| Must Use | LIN04 | 235 | Product/Service ID Qualifier | | M ID 2/2 |
| | | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | |
| | | | SH | Service Requested | |
| Must Use | LIN05 | 234 | Product/Service ID | | M AN 1/48 |
| | | | | Identifying number for a product or service | |
| | | | CE | Generation Services | |
| | | | | Indicates this transaction is related to Generation Services. | |
| | | | RC | Renewable Energy Certificate Services | |
| | | | | Indicates this transaction is related to Renewable Energy Certificate Services | |

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. Reason Codes are conveyed in the REF segment (position 030) rather than in the ASI03, to allow for multiple reasons. Note: All ESP initiated drops should be coded as Final (ASI01=F). | |
| PA Use: | Request: | Required |
| | Accept Response: | Required |
| | Reject Response: | Required |
| NJ Use: | Same as PA | |
| DE Use: | Same as PA | |
| MD Use: | Same as PA | |
| Request Example: | ASI*F*024 | |
| Response Examples: | ASI*WQ*024 | Accept Response |
| | ASI*U*024 | 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 | M ID 1/2 |
| | | | Code indicating type of action | |
| | | | A4 | Pended Used to request a temporary drop Note: Will not be used in New Jersey |
| | | | F | Final |
| | | | U | Reject |
| | | | WQ | Accept |
| Must Use | ASI02 | 875 | Maintenance Type Code | M ID 3/3 |
| | | | Code identifying the specific type of item maintenance | |
| | | | 024 | Cancellation or Termination Drop |

Segment: **REF** Reference Identification (7G=Rejection Status)
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. Note: Regardless of whether the ESP accepts or rejects a Drop Request from an LDC, the LDC will drop the customer. The LDC is responsible for reviewing rejection reasons and resolving them with the ESP, either by a resend of the drop transaction or by mutual agreement. |
| PA Use: | Request: Not Used Accept Response: Not Used Reject Response: Required |
| NJ Use: | Same as PA |
| DE Use: | Same as PA |
| MD Use: | Same as PA |
| Example: | REF*7G*A13*ADDITIONAL REASON TEXT HERE |

Data Element Summary

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

Rules for Rejection Reason Codes

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

“A13” (Other) must **only** be used when an existing error code does not convey the reason correctly. Each time “A13” (Other) is used for a new purpose, an E-mail must be sent to the appropriate state’s listserver 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.

PA Listserver: edewg@ls.eei.org
 NJ Listserver: njbpu@ls.eei.org

Please note that the Status Reason Codes are only valid in certain directions as noted to the left of each code.

Reason For Rejection Codes – Required on a Rejection Drop Response Transaction:

Note: Rejection reason codes for Renewable Energy Provider are the same as ESP, unless specified below.

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

| <u>ESP Drop</u> Response to LDC | <u>LDC Drop</u> Response to ESP | | |
|------------------------------------|------------------------------------|-----|---|
| | X | 008 | Account exists but is not active |
| X | X | A13 | Other (Explanation Required in REF03) |
| X | X | A76 | Account Not Found |
| | | | This includes invalid account numbers as well as no account number being found. |
| | X | A84 | Invalid Relationship (not ESP of record) |
| | X | A91 | Service is not offered at customer's location |
| | | | For instance, used to indicate that this is a gas only account, no electric service exists on the account. |
| X | X | ABN | Duplicate Request Received |
| X | X | ACI | Action Code (ASI01) invalid |
| X | X | API | Required information missing (REF03 Required) |
| X | X | B14 | Reason for termination was required, or invalid code sent |
| X | | DIV | Date Invalid |
| | X | MAX | Maximum number of Enrollments/Drops reached |
| | | | Valid in MD: Used when the maximum threshold of enrollments/drops have been submitted for the customer during the current bill cycle. |
| X | X | MTI | Maintenance Type Code (ASI02) invalid |
| | X | UND | Cannot identify ESP |
| X | | UNE | Cannot identify LDC |

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

Segment: **REF** Reference Identification (1P=Status Reason)
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 primarily to convey status reason codes on a request, and also 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. |
| PA Use: | Request: Required Accept Response: Required when status information must be conveyed. Reject Response: Required when status information must be conveyed. Note: |
| NJ Use: | Same as PA |
| DE Use: | Same as PA |
| MD Use: | Same as PA |
| Example: | REF*1P*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 | |
| | | 1P | Accessorial Status Code |
| | | | Used in the instance where the 814 Request is accepted, but additional status information must be provided; e.g. code W09, special off-cycle meter read cannot be performed. |
| | | | This is a required field on a Drop request. |

Rules for Status Reason Codes

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

“A13” (Other) must **only** be used when an existing error code does not convey the reason correctly. Each time “A13” (Other) is used for a new purpose, an E-mail must be sent to the appropriate state’s listserver 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.

PA Listserver: edewg@ls.eei.org

NJ Listserver: njbpu@ls.eei.org

Please note that the Status Reason Codes are only valid in certain directions as noted to the left of each code.

Reason For Drop Codes – Required on the Drop Request Transaction:

Note: Reason for Drop codes for Renewable Energy Provider are the same as ESP, unless specified below.

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

| <u>LDC Drop Request to ESP</u> | <u>ESP Drop Request to LDC</u> | | |
|--------------------------------|--------------------------------|-----|---|
| X | X | 007 | Service terminated or customer dropped because of nonpayment |
| X | | 020 | Customer moved or account closed |
| X | X | A13 | Other |
| | | | Explanation Required in REF03 |
| X | X | B38 | Dropped by Customer Request |
| | | | Customer was terminated by the Service Provider for reasons other than nonpayment |
| | X | CCE | Contract Expired |
| X | | CHA | Customer changed to another Service Provider |
| X | | C02 | Customer is on Credit Hold |
| | | | Only valid in NJ Renewable Energy Provider program |
| X | | C03 | Customer Enrolled in USF |
| | | | NJ - Only valid in NJ Renewable Energy Provider program |
| X | X | EB3 | Withdrawn |
| | | | Customer rescinded enrollment request within rescission period. ESP to LDC valid only in MD |
| | X | B42 | Alleged Slam |
| X | | ICW | Instant Connect Withdrawn |
| | | | PA Use Only |
| X | | NLI | Not Last In |
| | | | PA Use Only |
| X | | SMW | Seamless Move Withdrawn |
| | | | PA Use Only |

Status Reason Codes – Use as appropriate on the **Drop Response** Transaction. This is used when transaction accepted, but there is additional information to be conveyed to the other party.

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

| <u>ESP Drop</u> | <u>LDC Drop</u> | | |
|------------------------|------------------------|-----|-------------------------------|
| <u>Response to LDC</u> | <u>Response to ESP</u> | | |
| X | X | A13 | Other |
| | | | Explanation Required in REF03 |
| X | X | B39 | Already Dropped |

Conditional **REF03** **352** **Description** **X** **AN 1/80**

A free-form description to clarify the related data elements and their content
 Used to further describe the status reason code sent in REF02. Code “A13” requires text explanation in this element.

Segment: **REF** Reference Identification (11=ESP Account Number)
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: | Must exclude punctuation (spaces, dashed, etc). Significant leading and trailing zeros must be included. | |
| PA Use: | LDC Initiated Drop: | Required if it was previously provided to the LDC |
| | ESP Accept Response for LDC Init Drop: | Required if it was provided on the request |
| | ESP Initiated Drop: | Required if it was previously provided to the LDC |
| | LDC Accept Response for ESP Init. Drop: | Required if it was provided on the request |
| | ALL Reject Responses: | Required if it was provided on the request |
| NJ Use: | Note: In New Jersey, Atlantic City Electric, JCP&L and PSE&G will store ESP account number and will be required to send it if it was previously provided to the LDC. | |
| DE Use: | Delmarva will store ESP account number and will be required to send it if it was previously provided to the LDC. | |
| MD Use: | Same as PA | |
| Example: | REF*11*2348400586 | |

Data Element Summary

| | Ref. Des. | Data Element | Name | X12 Attributes |
|----------|------------------|---------------------|---|-----------------------|
| Must Use | REF01 | 128 | Reference Identification Qualifier Code qualifying the Reference Identification 11 Account Number ESP-assigned account number for end use customer. | M ID 2/3 |
| 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 (12=LDC Account Number)
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:

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

Data Element Summary

| | Ref. Des. | Data Element | Name | X12 Attributes |
|----------|------------------|---------------------|--|-----------------------|
| Must Use | REF01 | 128 | Reference Identification Qualifier Code qualifying the Reference Identification 12 Billing Account 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 |
| Optional | REF03 | 352 | Description A free-form description to clarify the related data elements and their content U Unmetered | X AN 1/80 |

Segment: **REF** Reference Identification (45=LDC Old Account Number)
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:

| | |
|-----------------|---|
| PA Use: | LDC Initiated Drop: Required if account number changed in the last 60 days ESP Accept Response for LDC Init Drop: Not Used ESP Initiated Drop: Not Used LDC Accept Response for ESP Init. Drop: Required if account number changed in the last 60 days ALL Reject Responses: Not Used |
| NJ Use: | Same as PA |
| DE Use: | Not used |
| MD Use: | Not Used by BGE, PEPCO, or Delmarva. PE: Required if the account number has changed in the last 60 days. |
| Example: | REF*45*1105687500 |

Data Element Summary

| | Ref. Des. | Data Element | Name | X12 Attributes |
|----------|------------------|---------------------|---|-----------------------|
| Must Use | REF01 | 128 | Reference Identification Qualifier Code qualifying the Reference Identification 45 Old Account Number LDC's previous account number for the 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: **DTM** Date/Time Reference (151=Service End Date)
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:

| | | |
|-----------------|--|----------|
| PA Use: | LDC Initiated Drop: | Required |
| | ESP Accept Response for LDC Init Drop: | Not Used |
| | ESP Initiated Drop: | Not Used |
| | LDC Accept Response for ESP Init Drop: | Required |
| | ALL Reject Responses: | Not Used |
| NJ Use: | Same as PA | |
| DE Use: | Same as PA | |
| MD Use: | Same as PA | |
| Example: | DTM*151*19990115 | |

Data Element Summary

| | Ref. Des. | Data Element | Name | X12 Attributes |
|----------|------------------|---------------------|---|-----------------------|
| Must Use | DTM01 | 374 | Date/Time Qualifier | M ID 3/3 |
| | | | Code specifying type of date or time, or both date and time | |
| | | | 151 Service Period End | |
| | | | Estimated date that the service with the ESP will end. | |
| Must Use | DTM02 | 373 | Date | X DT 8/8 |
| | | | Date expressed as CCYYMMDD | |

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 |
| NJ Use: | Required |
| DE Use: | Required |
| MD 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 NO 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 | |

814 Drop Examples

Example: Drop Request LDC to ESP

| | |
|---------------------------------------|---|
| BGN*13*19990401195653001*19990401 | BGN segment indicating this is a Request transaction |
| N1*8S*LDC COMPANY*1*007909411**41 | LDC Name and DUNS information |
| N1*SJ*ESP COMPANY*9*007909422ESP1**40 | ESP Name and DUNS information |
| N1*8R*CUSTOMER NAME | Customer Name |
| N1*FE*CUSTOMER NAME | Forwarding address for customer who moved |
| N3*4251 S ELECTRIC STREET*MS 25 | Forwarding address for customer who moved |
| N4*ANYTOWN*PA*18111 | Forwarding address for customer who moved |
| PER*IC**TE*8005551212 | Forwarding telephone number for customer who moved |
| LIN*DROP1999040100000001*SH*EL*SH*CE | Transaction reference number, indication that the transaction is for Electric Generation Services |
| ASI*F*024 | Request for Final Drop |
| REF*1P*020*CUSTOMER MOVED | Reason for drop is that the customer moved |
| REF*11*2348400586 | ESP Account Number |
| REF*12*293839200 | LDC Account Number |
| REF*45*3959028538 | Old LDC Account Number |
| DTM*151*19990415 | Estimated drop date is 4/15/99 |

Example: Accept Drop Response ESP to LDC

| | |
|--|---|
| BGN*11*1999040208000001*19990402***19990401195653001 | BGN segment indicating this is a Response transaction |
| N1*8S*LDC COMPANY*1*007909411**40 | LDC Name and DUNS information |
| N1*SJ*ESP COMPANY*9*007909422ESP1**41 | ESP Name and DUNS information |
| N1*8R*CUSTOMER NAME | Customer Name |
| LIN*DROP1999040100000001*SH*EL*SH*CE | Transaction reference number, indication that the transaction is for Electric Generation Services |
| ASI*WQ*024 | Indicates the drop was accepted |
| REF*11*2348400586 | ESP Account Number |
| REF*12*293839200 | LDC Account Number |

Example: Reject Drop Response ESP to LDC

| | |
|--|---|
| BGN*11*1999040208000001*19990402***19990401195653001 | BGN segment indicating this is a Response transaction |
| N1*8S*LDC COMPANY*1*007909411**40 | LDC Name and DUNS information |
| N1*SJ*ESP COMPANY*9*007909422ESP1**41 | ESP Name and DUNS information |
| N1*8R*CUSTOMER NAME | Customer Name |
| LIN*DROP1999040100000001*SH*EL*SH*CE | Transaction reference number, indication that the transaction is for Electric Generation Services |
| ASI*U*024 | Indicates the drop was rejected |
| REF*7G*A76*ACCOUNT NOT FOUND | Rejection Reason |
| REF*11*2348400586 | ESP Account Number |
| REF*12*293839200 | LDC Account Number |

Example: Drop Request ESP to LDC

| | |
|---------------------------------------|---|
| BGN*13*19990401195653001*19990401 | BGN segment indicating this is a Request transaction |
| N1*8S*LDC COMPANY*1*007909411**40 | LDC Name and DUNS information |
| N1*SJ*ESP COMPANY*9*007909422ESP1**41 | ESP Name and DUNS information |
| N1*8R*CUSTOMER NAME | Customer Name |
| LIN*DROP1999040100000001*SH*EL*SH*CE | Transaction reference number, indication that the transaction is for Electric Generation Services |
| ASI*F*024 | Request for Final Drop |
| REF*1P*CCE*CONTRACT EXPIRED | Customer Contract with ESP Expired |
| REF*11*2348400586 | ESP Account Number |
| REF*12*293839200 | LDC Account Number |

Example: Accept Drop Response LDC to ESP

| | |
|--|---|
| BGN*11*1999040208000001*19990402***19990401195653001 | BGN segment indicating this is a Response transaction |
| N1*8S*LDC COMPANY*1*007909411**41 | LDC Name and DUNS information |
| N1*SJ*ESP COMPANY*9*007909422ESP1**40 | ESP Name and DUNS information |
| N1*8R*CUSTOMER NAME | Customer Name |
| LIN*DROP1999040100000001*SH*EL*SH*CE | Transaction reference number, indication that the transaction is for Electric Generation Services |
| ASI*WQ*024 | Indicates the drop was accepted |
| REF*11*2348400586 | ESP Account Number |
| REF*12*293839200 | LDC Account Number |
| REF*45*3959028538 | Old LDC Account Number |
| DTM*151*19990415 | Estimated drop date is 4/15/99 |

Example: Reject Drop Response LDC to ESP

| | |
|--|---|
| BGN*11*1999040208000001*19990402***19990401195653001 | BGN segment indicating this is a Response transaction |
| N1*8S*LDC COMPANY*1*007909411**41 | LDC Name and DUNS information |
| N1*SJ*ESP COMPANY*9*007909422ESP1**40 | ESP Name and DUNS information |
| N1*8R*CUSTOMER NAME | Customer Name |
| LIN*DROP1999040100000001*SH*EL*SH*CE | Transaction reference number, indication that the transaction is for Electric Generation Services |
| ASI*U*024 | Indicates the drop was rejected |
| REF*7G*A76*ACCOUNT NOT FOUND | Rejection Reason |
| REF*11*2348400586 | ESP Account Number |
| REF*12*293839200 | LDC Account Number |

Example: Drop Request Renewable Energy Provider to LDC

This example only shows the first few segments to show N1*G7 segment LIN05 value of “RC” used by Renewable Energy Provider. Remaining segments would be identical to those used for an ESP transaction.

| | |
|--|--|
| BGN*13*19990401195653001*19990401 | BGN segment indicating this is a Request transaction |
| N1*8S*LDC COMPANY*1*007909411**40 | LDC Name and DUNS information |
| N1*G7*RENEWABLE CO*9*007909422GPM1**41 | Renewable Energy Provider Name and DUNS information |
| N1*8R*CUSTOMER NAME | Customer Name |
| LIN*DROP1999040100000001*SH*EL*SH*RC | Transaction reference number, indication that the transaction is for Renewable Energy Services |
| ASI*F*024 | Request for Final Drop |
| REF*1P*CCE*CONTRACT EXPIRED | Customer Contract with ESP Expired |
| REF*11*2348400586 | Renewable Energy Provider Account Number |
| REF*12*293839200 | LDC Account Number |

Example: Drop Request ESP to LDC – Reverse Enrollment (Rescind)

| | |
|---------------------------------------|---|
| BGN*13*20090401195653001*20090401 | BGN segment indicating this is a Request transaction |
| N1*8S*LDC COMPANY*1*007909411**40 | LDC Name and DUNS information |
| N1*SJ*ESP COMPANY*9*007909422ESP1**41 | ESP Name and DUNS information |
| N1*8R*CUSTOMER NAME | Customer Name |
| LIN*DROP20090401000000X1*SH*EL*SH*CE | Transaction reference number, indication that the transaction is for Electric Generation Services |
| ASI*F*024 | Request for Final Drop |
| REF*1P*EB3*REVERSE ENROLLMENT | Drop enrollment |
| REF*11*2348400586 | ESP Account Number |
| REF*12*293839200 | LDC Account Number |