# Pennsylvania
# New Jersey
# Delaware
# Maryland

# Implementation Guideline

### For

# Electronic Data Interchange

**TRANSACTION SET**

# 568

**Collections**
**Ver/Rel 004010**

# Table of Contents

# Summary of Changes

| | |
|---|---|
| April 2, 1999<br>Version 2.0 | Initial release of version 4010. |
| May 25, 1999<br>Version 2.1 | Made changes for consistency with the 814 4010 changes:<br>• BGN02 – clarified to be unique over time<br>• BGN03 – clarified to be application system date<br>• N901 – added language for ESP account number<br>• N901 – changed requirement for old LDC account number to last 60 (not 90) days<br>• Added PA/NJ Use fields, clarified Must Use/Optional, etc., added examples<br>• Added note to LX<br>• Changed LX01 to remove the word "Sequential" |
| May 26, 1999<br>Version 2.2 | Re-issued to be consistent with Data Dictionary<br>• Changed requirement for ESP account number to 2/1/2000 |
| May 28, 1999<br>Version 2.3 | • Change example to reflect only one LX loop per CS loop. If an account has 2 payments on the same day, there will be 2 CS loops. |
| June 8, 1999<br>Version 3.0 | • Added clarification regarding use of LX loop being used once.<br>• Document is being used as FINAL for Pennsylvania<br>• Added some New Jersey clarifications. Tentative rules for New Jersey need to be approved before this document can be considered FINAL for New Jersey. |
| June 29, 1999<br>Version 3.1 | • Changed "EGS" to "ESP" and "EDC" to "LDC" throughout the guideline. Removed "NJ Definitions" and replaced it with "LDC Definitions" and "ESP Definitions" in the Notes section.<br>• Added "How to use the implementation guideline" page. In addition, changed all headers to the true X12 definition. Also corrected the Table on Page 4 to reflect X12 definitions and added the words "X12 Structure" to the title on that page.<br>• Modified note on LX01 – removed reference to X12 and removed "Line Item Counter". |
| July 21, 1999<br>DRAFT Version 3.1a | • Removed "Tentative Plan" for New Jersey to indicate this is plan for New Jersey.<br>• Upon approval, this document will be considered final for New Jersey. |
| October 1, 1999<br>DRAFT Version 3.1b | • Added Delaware Information<br>• Moved the adjustment definitions from the data dictionary to the notes section of the implementation guide. |
| November 4, 1999<br>Version 3.2 | This is a FINAL version for Pennsylvania and New Jersey |
| November 1999<br>Draft version 3.2MD1 | • Add Maryland use to document – Maryland will not use the 568 when the market opens.<br>• Added Table of Contents<br>• Added Data Dictionary |
| January 17, 2000<br>Version 3.2MD2 | Clarified N9*45 is only used if LDC is sending transaction. |
| June 26, 2000<br>Version 3.2MD3 | Corrected description for Customer name in Data Dictionary |
| September 10, 2000<br>Version 3.3 | This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware (Delmarva only). |
| October 19, 2001<br>Version 3.3rev01 | Incorporate Delaware Electric Coop (DEC) information for Delaware |
| January 9, 2002<br>Version 4.0 | This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware. |

| February 22, 2009 Version 4.0.1 | Incorporate PA Change Control 048. |
|---|---|
| January 24, 2010 Version 4.1 | This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware. |
| September 8, 2010 Version 4.1.1D | • Incorporate PA Change Control 060 (PA Admin/Cleanup changes) <br> • Incorporate MD Change Control – Admin (Admin/Cleanup changes for MD) |
| February 28, 2011 Version 5.0 | This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware. |
| February 16, 2011 Version 5.0 | This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware. No changes since last version. |
| March 8, 2013 Version 6.0 | • Moving to v6.0 to align versions across all transaction sets <br> • Cleaned up references to Allegheny and APS throughout document |

## General Notes

| Use of 568 transaction | **PA Rules:** |
|---|---|
| | The 568 Collections transaction will be used in all cases for the billing party to notify the non-billing party of payments received from the customer. |
| | The transaction must be sent regardless of whether the billing party is making the other party whole or not. |
| | Special exceptions may be made by the PUC if the billing party is remitting the money received to the non-billing party in a timely manner. |
| | Duquesne Light will not be sending the 568 transaction for Purchase of Receivable accounts during their POR pilot commencing January 1, 2008. |
| | **NJ Rules:** |
| | The 568 Collections transaction will be used for the billing party to notify the non-billing party of payments received from the customer when not making the other party whole. |
| | The transaction will **not** be sent if the billing party is making the other party whole. |
| | This document will **not** be required if the billing party is remitting the money received to the non-billing party within 5 calendar days. The billing party will instead send the 820 remittance advice to the non-billing party within 1 day of receipt of monies. |
| | Utility payment plan:<br>• Rockland Electric will be making other party whole<br>Delmarva, GPU, PSE&G will be remitting the money received to the non-billing party within 5 calendar days; therefore, the use of this document is optional. |
| | **DE Rules:** |
| | The 568 Collections transaction will be used for the billing party to notify the non-billing party of payments received from the customer when not making the other party whole. |
| | The transaction will **not** be sent if the billing party is making the other party whole. |
| | This document will **not** be required if the billing party is remitting the money received to the non-billing party within 4 calendar days. The billing party will instead send the 820 remittance advice to the non-billing party within 1 day of receipt of monies. |
| | Utility payment plan:<br>• Delmarva will be remitting the money received to the non-billing party within 4 calendar days; therefore, the use of this document is optional. |
| | **MD Rules:** |
| | The 568 Collections transaction will be used for the billing party to notify the non-billing party of payments received from the customer when not making the other party whole. |
| | The transaction will **not** be sent if the billing party is making the other party whole or under purchase of receivables. |
| | This document will **not** be required if the billing party is remitting the money received to the non-billing party within 5 calendar days. The billing party will instead send the 820 remittance advice to the non-billing party within 1 day of receipt of monies. |

| | |
|---|---|
| | Utility payment plans:  All MD Utilities support Purchase of Receivables |
| Adjustment Definitions | • **Returned Items** (Non sufficient funds, signature missing, etc.): This item will be reversed on the 568 and the 820.<br>• **Adjustments (Credit/Debit)** involve the manual crediting/debiting of the account's ESP balance.  These transactions are typically used to correct misapplied payments. |
| LDC Definitions: | The term LDC (Local Distribution Company) in this document refers to the utility.  Each state may refer to the utility by a different acronym:<br>• EDC – Electric Distribution Company (Pennsylvania, Delaware)<br>• LDC – Local Distribution Company (New Jersey)<br>• EC – Electric  Company (Maryland) |
| ESP Definitions: | The term ESP (Energy Service Provider) in this document refers to the supplier.  Each state may refer to the supplier by a different acronym:<br>• EGS – Electric Generation Supplier (Pennsylvania)<br>• TPS – Third Party Supplier (New Jersey)<br>• ES – Electric Supplier (Delaware)<br>• ES – Electricity Supplier (Maryland) |

# 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:**
**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

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

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

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

One or more examples.

**Data Element Summary**

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

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

# 568 Contract Payment Management Report
## X12 Structure

**Functional Group ID=D5**

## Heading:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| Must Use | 010 | ST | Transaction Set Header | M | 1 | | |
| Must Use | 020 | BGN | Beginning Segment | M | 1 | | n1 |
| Must Use | 030 | AMT | Monetary Amount | M | 2 | | n2 |
| | | | LOOP ID - N1 | | | 10 | |
| | 040 | N1 | Name | O | 1 | | n3 |

## Detail:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| | | | LOOP ID - CS | | | >1 | |
| | 010 | CS | Contract Summary | O | 1 | | n4 |
| | 020 | N9 | Reference Identification | O | 3 | | n5 |
| | | | LOOP ID - REF | | | >1 | |
| | 060 | REF | Reference Identification | O | 1 | | n6 |
| | | | LOOP ID - LX | | | >1 | |
| | 080 | LX | Assigned Number | O | 1 | | |
| Must Use | 090 | N9 | Reference Identification | M | 1 | | n7 |
| | 100 | AMT | Monetary Amount | O | >1 | | n8 |
| | | | LOOP ID - N1 | | | 1 | |
| | 140 | N1 | Name | O | 1 | | n9 |

## Summary:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| Must Use | 020 | SE | Transaction Set Trailer | M | 1 | | |

## Transaction Set Notes

1. The BGN segment identifies the transaction set purpose code, a unique number used to identify this transmission, and the date and time of transaction set creation.
2. The AMT segment identifies the collected amount and the disbursed amount to the extent that either amount applies to the transaction set.
3. The N1 loop identifies the name and address information for the transmitting and receiving parties.
4. The CS segment identifies the contract, modification, call, and order number of the procurement instrument, and the voucher number of the payment being reported on in this contract payment management report.
5. The N9 segment identifies the number of the original voucher on which a payment was made if the voucher being reported on in this transmission is a change, correction, or adjustment to that previous voucher.
6. The REF segment identifies a reference number associated with the following appropriation data.
7. The N9 segment identifies a contract line item, exhibit line item, or subclassification of either against which specific data is being reported.
8. The AMT segment identifies the gross, net, deducted, or collected amounts and the net variance amount applicable to the line item being reported.
9. The N1 loop identifies address information for a quantity delivered in a specific shipment, to a specific ship-to address.

# Data Dictionary for the 568 (Collections) transaction

| | | *568 – Collections* | | | |
|---|---|---|---|---|---|
| *Appl Field* | *Field Name* | *Description* | *EDI Segment* | *Loop/ Related EDI Qualifier* | *Data Type* |
| 1 | Purpose Code | "00" Original | BGN01 | | X(2) |
| 2 | Transaction Reference Number | Unique Number assigned by the originator of this transaction. This should be unique over time. | BGN02 | | X(30) |
| 3 | System Date | Date this transaction was created by the sender's application system. | BGN03 | | 9(8) |
| 4 | Total Monetary Amount Allocated | Total Monetary Amount allocated to the non-billing party. The AMT02 element is the sum of all CS11s in this transaction set. | AMT02 | AMT01 = **AT** | -9(10).99 |
| 5 | LDC Name | LDC's Name | N102 | N101 = **8S** | X(60) |
| 6 | LDC Duns | LDC's DUNS Number or DUNS+4 Number | N104 | N101 = **8S** N103 = **1** or **9** | X(13) |
| 7 | ESP Name | ESP's Name | N102 | N101 = **SJ** | X(60) |
| 8 | ESP Duns | ESP's DUNS Number or DUNS+4 Number | N104 | N101 = **SJ** N103 = **1** or **9** | X(13) |
| | | *Account level detail* | | | |
| 9 | LDC Account Number | LDC Customer Account Number | CS05 | CS: CS04 = **12** | X(30) |
| 10 | Non-billing party Amount allocated for account | Total Monetary Amount allocated for this customer account by the billing party on behalf of the non-billing party or adjustment amount allocated by the billing party on behalf of the non-billing party. | CS11 | | -9(13).99 |
| 11 | ESP Account Number | ESP Customer Account Number | N902 | CS: N901 = **11** | X(30) |
| 12 | Old Account Number | Previous LDC Account Number | N902 | CS: N901 = **45** | X(30) |
| 13 | Service Indicator | Indicates a customer is participating in Customer Choice | REF02 = **EL** | REF01 = **QY** | X(2) |
| | | *Payment level detail* | | | |
| 14 | Assigned Line Number | Line Number | LX01 | | 9(6) |
| 15 | Transaction Reference Number | Unique Number identifying this record. | N902 | LX: N901 = **TN** | X(30) |
| 16 | Type of Adjustment | Adjustment reason code: **CS** = Adjustment **IF** = Insufficient Funds **72** = Returned Items | N903 | LX: AMT01 = **BM** N901 = **TN** | X(2) |
| 17 | Posting Date | Date the payment or adjustment was posted in the billing party's system. Format: CCYYMMDD | N904 | LX: N901 = **TN** | 9(8) |

| 18 | Payment Level Allocated Amount | Individual allocated amount or amounts.  If more than one customer payment was posted to this customer account, this will be repeated for each customer payment. | AMT02 | LX: AMT01 = **KL** AMT01 = **BM** | 9(10).99 |
|----|---------------------------------|---------|-------|------|----------|
| 19 | Customer Name | Customer name as it appears on the customer bill. | N102 | N101 = **8R** | X(30) |

|  |  |  |
|---|---|---|
| **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 |
| **Example:** | ST*568*000000001 |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| Must Use | ST01 | 143 | **Transaction Set Identifier Code** | **M  ID 3/3** |

Code uniquely identifying a Transaction Set

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| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| 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:** | |

| | |
|---|---|
| **PA Use:** | Required |
| **NJ Use:** | Required |
| **DE Use:** | Required |
| **Example:** | BGN*00*94852-34985-9*19990301 |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| Must Use | BGN01 | 353 | **Transaction Set Purpose Code** | M ID 2/2 |
| | | | Code identifying purpose of transaction set | |
| | | | 00          Original | |
| Must Use | BGN02 | 127 | **Reference Identification** | M AN 1/30 |
| | | | 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 should be unique over all time. | |
| Must Use | BGN03 | 373 | **Date** | M DT 8/8 |
| | | | Date (CCYYMMDD) | |
| | | | The transaction creation date – the date that the data was processed by the originator's application system. | |

| | |
|---|---|
| **Segment:** | **AMT** Monetary Amount |
| **Position:** | 030 |
| **Loop:** | |
| **Level:** | Heading |
| **Usage:** | Mandatory |
| **Max Use:** | 2 |
| **Purpose:** | To indicate the total monetary amount |
| **Syntax Notes:** | |
| **Semantic Notes:** | |
| **Comments:** | |
| **Notes:** | Total Monetary Amount allocated to the non-billing party in this transaction set.  The AMT02 element is the sum of all CS11s in this transaction set. |
| **PA Use:** | Required |
| **NJ Use:** | Required |
| **DE Use:** | Required |
| **Example:** | AMT*AT*1500.00 |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| Must Use | AMT01 | 522 | **Amount Qualifier Code** | M   ID 1/2 |
| | | | Code to qualify amount | |
| | | | AT          Total Received | |
| Must Use | AMT02 | 782 | **Monetary Amount** | M   R 1/15 |
| | | | Monetary amount | |

| | |
|---|---|
| **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:** | Required |
| **NJ Use:** | Required |
| **DE Use:** | Required |
| **Example:** | N1*8S*LDC COMPANY*1*007909411 |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| Must Use | N101 | 98 | **Entity Identifier Code** | | M | ID 2/3 |
| | | | Code identifying an organizational entity, a physical location, property or an individual | | | |
| | | | 8S | Consumer Service Provider (CSP) | | |
| | | | | LDC | | |
| Must Use | N102 | 93 | **Name** | | X | AN 1/60 |
| | | | Free-form name | | | |
| | | | LDC Company Name | | | |
| Must Use | N103 | 66 | **Identification Code Qualifier** | | X | ID 1/2 |
| | | | 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 | | |
| Must Use | N104 | 67 | **Identification Code** | | X | AN 2/20 |
| | | | Code identifying a party or other code | | | |
| | | | LDC D-U-N-S Number or D-U-N-S + 4 Number | | | |

| | | |
|---|---|---|
| **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:** | Required |
| **NJ Use:** | Required |
| **DE Use:** | Required |
| **Example:** | N1*SJ*ESP COMPANY*9*007909422ESP1 |

## Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | **M** | **ID 2/3** |
| | | | Code identifying an organizational entity, a physical location, property or an individual | | |
| | | | SJ Service Provider | | |
| | | | ESP | | |
| **Must Use** | **N102** | **93** | **Name** | **X** | **AN 1/60** |
| | | | Free-form name | | |
| | | | ESP Company Name | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | **X** | **ID 1/2** |
| | | | 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 | | |
| **Must Use** | **N104** | **67** | **Identification Code** | **X** | **AN 2/20** |
| | | | Code identifying a party or other code | | |
| | | | ESP D-U-N-S Number or D-U-N-S + 4 Number | | |

| | |
|---|---|
| **Segment:** | **CS** Contract Summary |
| **Position:** | 010 |
| **Loop:** | CS |
| **Level:** | Detail |
| **Usage:** | Optional |
| **Max Use:** | 1 |
| **Purpose:** | To provide information about a contract |
| **Syntax Notes:** | 1  If either CS04 or CS05 is present, then the other is required. |
| **Semantic Notes:** | 1  CS09 is the permissible overage as a percentage of the total contract line item number (CLIN) quantity. |
| | 2  CS10 is the permissible shortage as a percentage of the total contract line item number (CLIN) quantity. |
| | 3  CS11 is the permissible overage dollar value specified by the contract above which discrepancy action is taken. |
| | 4  CS14 is the Unit of Measure stipulated in the contract. |
| | 5  CS15 is the contract line item number (CLIN) unit price specified in the contract. |
| | 6  CS17 conveys the Critical Application Indicator. A "Y" indicates that a Critical Application Indicator is specified in the contract; an "N" indicates that no Critical Application Indicator is specified in the contract. |
| | 7  CS18 conveys the Special Requirements Indicator. A "Y" indicates that a Special Requirements Indicator (requiring special testing and or evaluation) is specified in the contract; an "N" indicates that no Special Requirements Indicator is specified in the contract. |
| **Comments:** | 1  CS04 may be used to identify the Contract Line Item Number (CLIN) or Extended (or Exhibit) Line Item Number (ELIN). |
| | 2  CS07 and CS13 can be used to indicate two different types of special services required. |
| **Notes:** | It has been agreed that each CS loop will only contain one LX loop. This means if there are multiple payments on a specific account, there will be multiple CS loops for that account. |
| **PA Use:** | Required |
| **NJ Use:** | Required |
| **DE Use:** | Required |
| **Example:** | CS****12*12345678988******-50.00 |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| Must Use | CS04 | 128 | **Reference Identification Qualifier** | X | ID 2/3 |
| | | | Code qualifying the Reference Identification | | |
| | | | 12          Billing Account | | |
| | | | LDC-assigned account number for the end use customer. | | |
| Must Use | CS05 | 127 | **Reference Identification** | X | AN 1/30 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | |
| | | | LDC Account Number | | |
| Must Use | CS11 | 782 | **Monetary Amount** | O | R 1/15 |
| | | | Monetary amount | | |
| | | | Total monetary amount allocated for this customer account by the billing party on behalf of the non-billing party or adjustment amount allocated by the billing party on behalf of the non-billing party. | | |
| | | | The CS11 will equal the sum of all AMT02 elements under this LDC Customer Account Number. | | |

| | |
|---|---|
| **Segment:** | **N9** **Reference Identification (11=ESP Account Number)** |
| **Position:** | 020 |
| **Loop:** | CS |
| **Level:** | Detail |
| **Usage:** | Optional |
| **Max Use:** | 3 |
| **Purpose:** | To transmit identifying information as specified by the Reference Identification Qualifier |
| **Syntax Notes:** | 1   At least one of N902 or N903 is required. |
| | 2   If N906 is present, then N905 is required. |
| | 3   If either C04003 or C04004 is present, then the other is required. |
| | 4   If either C04005 or C04006 is present, then the other is required. |
| **Semantic Notes:** | 1   N906 reflects the time zone which the time reflects. |
| | 2   N907 contains data relating to the value cited in N902. |
| **Comments:** | |

| | |
|---|---|
| **PA Use:** | Required if it was previously provided to the LDC |
| **NJ Use:** | Conditional (See **) |
| | **Note**: In New Jersey, Delmarva, GPU and PSE&G will store ESP account number and are be required to return it on all transactions if it was previously provided to the LDC. Rockland Electric will not be storing ESP account number, and will never send it to the ESP. Delmarva will only be storing 20 characters. |
| **DE Use:** | Delmarva will store ESP account number and will be required to send it if it was previous provided to the LDC. Delmarva will only be storing 20 characters. |
| **Example:** | N9*11*333444555666 |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| **Must Use** | **N901** | **128** | **Reference Identification Qualifier** <br> Code qualifying the Reference Identification | **M  ID 2/3** |
| | | | 11       Account Number <br> ESP-assigned account number for the end use customer. | |
| **Must Use** | **N902** | **127** | **Reference Identification** <br> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | **X  AN 1/30** |

| | |
|---|---|
| **Segment:** | **N9** Reference Identification (45=LDC Old Account Number) |
| **Position:** | 020 |
| **Loop:** | CS |
| **Level:** | Detail |
| **Usage:** | Optional |
| **Max Use:** | 3 |
| **Purpose:** | To transmit identifying information as specified by the Reference Identification Qualifier |
| **Syntax Notes:** | 1 At least one of N902 or N903 is required. |
| | 2 If N906 is present, then N905 is required. |
| | 3 If either C04003 or C04004 is present, then the other is required. |
| | 4 If either C04005 or C04006 is present, then the other is required. |
| **Semantic Notes:** | 1 N906 reflects the time zone which the time reflects. |
| | 2 N907 contains data relating to the value cited in N902. |
| **Comments:** | |
| **PA Use:** | Required if the account number has changed within the last 60 days. |
| | **Note:** Only used when LDC is sending this transaction. |
| **NJ Use:** | Same as PA |
| | **Note:** PSE&G will not provide old LDC Account Number. |
| **DE Use:** | Not used |
| **Example:** | N9*45*212345438756 |

**Data Element Summary**

| | Ref.<br>Des. | Data<br>Element | Name | Attributes |
|---|---|---|---|---|
| **Must Use** | **N901** | **128** | **Reference Identification Qualifier**<br>Code qualifying the Reference Identification | **M ID 2/3** |
| | | | 45　　　　　　Old Account Number | |
| | | | LDC's previous account number for the end use customer. | |
| **Must Use** | **N902** | **127** | **Reference Identification**<br>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:** | 060 |
| **Loop:** | REF |
| **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:** | Required |
| **NJ Use:** | Required |
| **DE Use:** | Required |
| **Example:** | REF*QY*EL |

## Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| Must Use | REF01 | 128 | **Reference Identification Qualifier** | M ID 2/3 |

Code qualifying the Reference Identification
   QY             Service Performed Code

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| 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
   EL             Electric

| | |
|---|---|
| **Segment:** | **LX** Assigned Number |
| **Position:** | 080 |
| **Loop:** | LX |
| **Level:** | Detail |
| **Usage:** | Optional |
| **Max Use:** | 1 |
| **Purpose:** | To reference a line number in a transaction set |
| **Syntax Notes:** | |
| **Semantic Notes:** | |
| **Comments:** | |
| **Notes:** | If there are multiple payments/adjustments on an account number there will be multiple CS loops.  The AMT02 element in this loop for this LDC Account Number is provided in CS11. |
| **PA Use:** | Required |
| **NJ Use:** | Required |
| **DE Use:** | Required |
| **Example:** | LX*1 |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| Must Use | LX01 | 554 | **Assigned Number** | M   N0 1/6 |
| | | | Number assigned for differentiation within a transaction set | |

| | |
|---|---|
| **Segment:** | **N9** Reference Identification (TN=Transaction Reference Number) |
| **Position:** | 090 |
| **Loop:** | LX |
| **Level:** | Detail |
| **Usage:** | Mandatory |
| **Max Use:** | 1 |
| **Purpose:** | To transmit identifying information as specified by the Reference Identification Qualifier |
| **Syntax Notes:** | 1   At least one of N902 or N903 is required. |
| | 2   If N906 is present, then N905 is required. |
| | 3   If either C04003 or C04004 is present, then the other is required. |
| | 4   If either C04005 or C04006 is present, then the other is required. |
| **Semantic Notes:** | 1   N906 reflects the time zone which the time reflects. |
| | 2   N907 contains data relating to the value cited in N902. |
| **Comments:** | |

| | |
|---|---|
| **PA Use:** | Required |
| **NJ Use:** | Required |
| **DE Use:** | Required |
| **Example:** | N9*TN*123223327**19990225 |
| | N9*TN*123223532*CS*19990225 (Adjustment) |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| **Must Use** | **N901** | **128** | **Reference Identification Qualifier** <br> Code qualifying the Reference Identification | **M** | **ID 2/3** |

      TN                  Transaction Reference Number

                                    Used to provide a unique identification number for this collection/adjustment.

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| **Must Use** | **N902** | **127** | **Reference Identification** <br> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | **X** | **AN 1/30** |

                  Transaction Tracking Number – Number used for identifying this collection.

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| **Conditional** | **N903** | **369** | **Free-form Description** <br> Free-form descriptive text | **X** | **AN 1/45** |

                  Adjustment Reason Code.  Only used if AMT01 is equal to "BM"

      CS                  Adjustment

      IF                  Insufficient Funds

      72                  Returned Items

| | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| **Must Use** | **N904** | **373** | **Date** <br> Date (CCYYMMDD) | **O** | **DT 8/8** |

                  Date the date the payment was posted to the billing party if AMT01 is equal to "KL" or date the adjustment was posted by the billing party if AMT01 is equal to "BM".

| | | | |
|---|---|---|---|
| **Segment:** | **AMT** Monetary Amount | | |
| **Position:** | 100 | | |
| **Loop:** | LX | | |
| **Level:** | Detail | | |
| **Usage:** | Optional | | |
| **Max Use:** | >1 | | |
| **Purpose:** | To indicate the total monetary amount | | |
| **Syntax Notes:** | | | |
| **Semantic Notes:** | | | |
| **Comments:** | | | |
| **PA Use:** | Required | | |
| **NJ Use:** | Required | | |
| **DE Use:** | Required | | |
| **Examples:** | AMT*KL*25.00 | | |
| | AMT*BM*-130.00 | | |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| Must Use | AMT01 | 522 | **Amount Qualifier Code** | **M ID 1/2** |
| | | | Code to qualify amount | |
| | | | BM        Adjustments | |
| | | | KL        Collected Amount | |
| Must Use | AMT02 | 782 | **Monetary Amount** | **M R 1/15** |
| | | | Monetary amount | |

Collected or adjustment amount allocated to the non-billing party for this customer.

Leading negative sign must be sent if this is a negative number, e.g. in the case of a bounced check to indicate the original check amount is being reversed. If the amount is positive, no sign is sent.

The sum of all AMT02 elements under this LDC Account Number is provided in the CS11.

| | | |
|---|---|---|
| **Segment:** | **N1** Name (8R=Customer Name) | |
| **Position:** | 140 | |
| **Loop:** | N1 | |
| **Level:** | Detail | |
| **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:** | Required |
| **NJ Use:** | Required |
| **DE Use:** | Required |
| **Example:** | N1*8R*JOHN Q. CUSTOMER |

**Data Element Summary**

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

| | |
|---|---|
| **Segment:** | **SE** **Transaction Set Trailer** |
| **Position:** | 020 |
| **Loop:** | |
| **Level:** | Summary |
| **Usage:** | Mandatory |
| **Max Use:** | 1 |
| **Purpose:** | To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments) |
| **Syntax Notes:** | |
| **Semantic Notes:** | |
| **Comments:** | **1** SE is the last segment of each transaction set. |
| **PA Use:** | Required |
| **NJ Use:** | Required |
| **DE Use:** | Required |
| **Example:** | SE*28*000000001 |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| 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:

This document shows a total payment of $1500 to ESP "888888888"

LDC Account number 123456578988 (total for account $50.00-)
- A customer payment had $25.00 allocated to the supplier
- Another customer payment had $55.00 allocated to the supplier
- There was an adjustment of $130.00- to the supplier balance

LDC Account number 230498524985  (total for account $1550.00)
- A customer payment had $1550.00 allocated to the supplier

| | |
|---|---|
| BGN*00*94852-34985-9*19990301 | File Tracking Number, Transaction Creation Date |
| AMT*AT*1500.00 | Total amount collected or adjusted for non billing party by billing party |
| N1*8S*LDC*1*999999999 | LDC Name and Duns Number |
| N1*SJ*ESP*1*888888888 | ESP Name and Duns Number |
| | |
| CS****12*123456578988******25.00 | Customer Account Number; total amount allocated for this account for non-billing party |
| N9*11*333444555666 | ESP Account Number |
| REF*QY*EL | Electric Service |
| LX*1 | Assigned Identification |
| N9*TN*123223323**19990225 | Transaction tracking number used to identify this allocation; date collection/adjustment was made |
| AMT*KL*25.00 | Amount allocated by billing party to non billing party |
| N1*8R*JOHN Q. CUSTOMER | Customer Name |
| | |
| CS****12*123456578988******55.00 | Customer Account Number; total amount allocated for this account for non-billing party |
| N9*11*333444555666 | ESP Account Number |
| REF*QY*EL | Electric Service |
| LX*2 | Assigned Identification |
| N9*TN*123223324**19990225 | Transaction tracking number used to identify this allocation; date collection/adjustment was made |
| AMT*KL*55.00 | Amount allocated by billing party to non billing party |
| N1*8R*JOHN Q. CUSTOMER | Customer Name |
| | |
| CS****12*123456578988******-130.00 | Customer Account Number; total amount allocated for this account for non-billing party |
| N9*11*333444555666 | ESP Account Number |
| REF*QY*EL | Electric Service |
| LX*3 | Assigned Identification |
| N9*TN*123223325*72*19990228 | Transaction tracking number used to identify this allocation; adjustment reason code; date collection/adjustment was made |
| AMT*BM*-130.00 | Amount adjusted |
| N1*8R*JOHN Q. CUSTOMER | Customer Name |
| | |
| CS****12*230498524985******1550.00 | Customer Account Number; total amount allocated for this account to non billing party |
| N9*45*212345438756 | Old LDC Account Number |
| N9*11*2945809458949 | ESP Account Number |
| REF*QY*EL | Electric Service |
| LX*4 | Assigned Identification |
| N9*TN*123223327**19990225 | Transaction tracking number used to identify this allocation; date collection/adjustment was made |
| AMT*KL*1550.00 | Amount allocated by billing party to non billing party |
| N1*8R*CUSTOMER ADVOCATES, INC. | Customer Name |