

**Pennsylvania
New Jersey
Delaware
Maryland**

**Implementation
Guideline**

For
Electronic Data Interchange

TRANSACTION SET

568

Collections

Ver/Rel 004010

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Summary of Changes

April 2, 1999 Version 2.0	Initial release of version 4010.
May 25, 1999 Version 2.1	Made changes for consistency with the 814 4010 changes: <ul style="list-style-type: none"> • BGN02 – clarified to be unique over time • BGN03 – clarified to be application system date • N901 – added language for ESP account number • N901 – changed requirement for old LDC account number to last 60 (not 90) days • Added PA/NJ Use fields, clarified Must Use/Optional, etc., added examples • Added note to LX • Changed LX01 to remove the word “Sequential”
May 26, 1999 Version 2.2	Re-issued to be consistent with Data Dictionary <ul style="list-style-type: none"> • Changed requirement for ESP account number to 2/1/2000
May 28, 1999 Version 2.3	<ul style="list-style-type: none"> • 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 Version 3.0	<ul style="list-style-type: none"> • Added clarification regarding use of LX loop being used once. • Document is being used as FINAL for Pennsylvania • 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 Version 3.1	<ul style="list-style-type: none"> • 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. • 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. • Modified note on LX01 – removed reference to X12 and removed “Line Item Counter”.
July 21, 1999 DRAFT Version 3.1a	<ul style="list-style-type: none"> • Removed “Tentative Plan” for New Jersey to indicate this is plan for New Jersey. • Upon approval, this document will be considered final for New Jersey.
October 1, 1999 DRAFT Version 3.1b	<ul style="list-style-type: none"> • Added Delaware Information • Moved the adjustment definitions from the data dictionary to the notes section of the implementation guide.
November 4, 1999 Version 3.2	This is a FINAL version for Pennsylvania and New Jersey
November 1999 Draft version 3.2MD1	<ul style="list-style-type: none"> • Add Maryland use to document – Maryland will not use the 568 when the market opens. • Added Table of Contents • Added Data Dictionary
January 17, 2000 Version 3.2MD2	Clarified N9*45 is only used if LDC is sending transaction.
June 26, 2000 Version 3.2MD3	Corrected description for Customer name in Data Dictionary
September 10, 2000 Version 3.3	This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware (Delmarva only).
October 19, 2001 Version 3.3rev01	Incorporate Delaware Electric Coop (DEC) information for Delaware
January 9, 2002 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	<ul style="list-style-type: none"> • Incorporate PA Change Control 060 (PA Admin/Cleanup changes) • 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	<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"> • Incorporated PA EDI Change Control 113 (PPLEU doesn't send 568)
May 18, 2018 Version 6.2	<ul style="list-style-type: none"> • Incorporated PA Change Control 146 (Citizens & Wellsboro doesn't send 568)
March 25, 2022 Version 6.3	<ul style="list-style-type: none"> • Incorporate PA Change Control 162 (PECO doesn't send 568)
April 29, 2023 Version 6.4	<ul style="list-style-type: none"> • Incorporate NJ Change Control Electric 054 (Update NJ Rules)

General Notes

<p>Use of 568 transaction</p>	<p><u>PA Rules:</u> 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.</p> <p>The transaction must be sent regardless of whether the billing party is making the other party whole or not.</p> <p>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.</p> <p>Duquesne Light will not be sending the 568 transaction for Purchase of Receivable accounts during their POR pilot commencing January 1, 2008.</p> <p>PPL Electric Utilities does not send the 568 transaction.</p> <p>Citizens & Wellsboro does not send the 568 transaction</p> <p>PECO does not send the 568 transaction</p>
	<p><u>NJ Rules:</u> 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.</p> <p>The transaction will not be sent if the billing party is making the other party whole.</p> <p>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.</p> <p>Utility payment plan: Atlantic City Electric: Not Used JCP&L: Sent within one business day of receipt of payment from customer PSE&G: Not Used Rockland Electric: Not Used</p>
	<p><u>DE Rules:</u> 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.</p> <p>The transaction will not be sent if the billing party is making the other party whole.</p> <p>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.</p> <p>Utility payment plan:</p> <ul style="list-style-type: none"> Delmarva will be remitting the money received to the non-billing party within 4 calendar days; therefore, the use of this document is optional.
	<p><u>MD Rules:</u> 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.</p> <p>The transaction will not be sent if the billing party is making the other party whole or under purchase of receivables.</p> <p>This document will not be required if the billing party is remitting the money received to</p>

	<p>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.</p> <p>Utility payment plans: All MD Utilities support Purchase of Receivables</p>
Adjustment Definitions	<ul style="list-style-type: none"> • Returned Items (Non-sufficient funds, signature missing, etc.): This item will be reversed on the 568 and the 820. • 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:	<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)

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 12 Billing Account LDC assigned account number for end use customer.	M ID 2/3
Must Use	REF02	127	Reference Identification Qualifier Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

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

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

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

M = Mandatory, O= Optional, X = Conditional

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

1/30 = Minimum 1, Maximum 30

568 Contract Payment Management Report

X12 Structure

Functional Group ID=**D5**

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		n1
Must Use	030	AMT	Monetary Amount	M	2		n2
			LOOP ID - N1			10	
	040	N1	Name	O	1		n3

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 - 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:

	<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	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

<i>568 – Collections</i>					
<i>Appl Field</i>	<i>Field Name</i>	<i>Description</i>	<i>EDI Segment</i>	<i>Loop/ Related EDI Qualifier</i>	<i>Data Type</i>
1	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)
<i>Account level detail</i>					
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)
<i>Payment level detail</i>					
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 568 Contract Payment Management Report	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
Example:	BGN*00*94852-34985-9*19990301

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	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 should be unique over all 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 originator’s application system.	M DT 8/8

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

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

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 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 2/20

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 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 2/20

- 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.	Data	Attributes
	Des.	Element Name	
Must Use	CS04	128 Reference Identification Qualifier Code qualifying the Reference Identification 12 Billing Account LDC-assigned account number for the end use customer.	X ID 2/3
Must Use	CS05	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier LDC Account Number	X AN 1/30
Must Use	CS11	782 Monetary Amount 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.	O R 1/15

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

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

Segment: **REF** Reference Identification
Position: 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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification QY Service Performed Code	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier EL Electric	X AN 1/30

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

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

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification TN Transaction Reference Number Used to provide a unique identification number for this collection/adjustment.	M ID 2/3
Must Use	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Transaction Tracking Number – Number used for identifying this collection.	X AN 1/30
Conditional	N903	369	Free-form Description Free-form descriptive text Adjustment Reason Code. Only used if AMT01 is equal to "BM" CS Adjustment IF Insufficient Funds 72 Returned Items	X AN 1/45
Must Use	N904	373	Date Date (CCYYMMDD) 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".	O DT 8/8

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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount BM Adjustments KL Collected Amount	M ID 1/2

Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/15
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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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
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 End Use Customer	M ID 2/3
Must Use	N102	93	Name Free-form name	X AN 1/60

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*00000001

Data Element Summary

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

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