**Pennsylvania**

**New Jersey**

**Delaware**

**Maryland**

**Implementation**

**Guideline**

**For**

Electronic Data Interchange

**TRANSACTION SET**

**824**

**Application Advice**

**Ver/Rel 004010**

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|  | |  | Summary of Changes |
| June 29, 1999  Version 1.0 | |  | Initial Release. Changes since last release:   * 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. |
| July 14, 1999  Version 1.1 | |  | Change Control Process Change #002 – Emergency Change:   * Corrected X12 Error – changed BGN07 segment to BGN08 |
| October 1, 1999  Version 1.1b | |  | Change Control Process Change #004:   * Fixed PER examples * Clarified FRF Rejection Code for 810 * Added FRG Rejection Code for 810   Additional changes:   * Clarified that all day requirements in the Notes section are “business” days. * Moved NJ Notes to its own page * Added Delmarva Delaware information * Removed Rejection Codes “OBW” and “W06” for 867 |
| November 4, 1999  Version 1.2 | |  | This is a FINAL version for Pennsylvania and New Jersey |
| December , 1999  Draft version 1.2MD1 | |  | * Add Maryland use to document – the changes were added to the version 1.2 of the regional standards * Added Table of Contents * Added Data Dictionary * Added example of rejecting an entire 820 transaction * Added “Accept” values for the BGN08 and OTI01 fields. These values still need to be verified and the rules for using them clarified. |
| December 23, 1999  Version 1.2MD2 | |  | * Added positive acknowledgement for 810 for Maryland * Corrected code for positive acknowledgement of 810 to “CF” (Confirm). * Added DTM segments for Date Bill Rendered and Bill Due Date * Added AMT segment for outstanding balance * Create example of rejecting a single account from an 820 * Create example of confirming a bill ready 810 |
| January 17, 2000  Version 1.2MD3 | |  | * Clarified REF\*45 only used when LDC is sending transaction * Clarified several error messages (FRF and TCN) |
| May 30, 2000  Version 1.2MD4 | |  | Clarified use of old account number for MD  Corrected data dictionary to show customer name in MD as 60 characters  Change Control Process Change #005   * Added ADM, NCP, and 008 Rejection Codes for 810   Change Control Process Change #007   * Added IIS Rejection Code for 867   Change Control Process Change #013   * Added EXP Rejection Code for 810   Change Control Process Change #014   * Added PCR Rejection Code for 810   Added Pennsylvania Notes section |
| July 22, 2000  Version 1.2MD5 | |  | * Modified MD use of NTE to reflect it is only required if TED02 value is A13 or API. * Remove TCN from valid 867 reject reason. * Correct references to BGN08 (was BGN07). * Added clarifications to improve understanding of transaction * Corrected information in examples, added further clarification notes to examples. * Add 867HU to list of PA transactions on Pennsylvania Notes page. |
| August 14, 2000  Version 1.2MD6 | |  | * Made REF\*6O optional for 810 (never discussed as required) * Change MD email id to edi@psc.state.md.us * Add TED02 value TXI for invalid TXI information on the 810 * Add Note to New Jersey Notes for each LDC’s Use of 824 transaction |
| August 22, 2000  Version 1.2MD7 | |  | * Incorporate PA Change Control X026 for no current charges on bill * Document PSE&G sending 824 when no supplier charges are on bill |
| September 10, 2000  Version 1.3 | |  | This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware (Delmarva only). |
| January 7, 2001  Version 2.0 | |  | Added Rejection codes to TED segment page 32 |
| October 19, 2001  Version 2.0rev01 | |  | * Incorporate Delaware Electric Coop (DEC) information for Delaware * Correct BGN01 to allow value of 00 – some examples showed it, but BGN segment based had not included it. |
| January 9, 2002  Version 3.0 | |  | * Incorporate SMECO specifics for MD (MD Change Control 003)   This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware. |
| December 21, 2004  Version 3.0.1D | |  | * Included information about new MD Regulations which require LDCs to send customer balance and payment information whenever a consolidated bill is issued. * Also includes intent for Delmarva to send for DE and NJ. |
| January 26, 2005  Version 3.0.2D | |  | * Made updates as a result of CTIWG discussions to add further clarifications regarding planned changes for the proactive 824. |
| January 20, 2006  Version 3.0.3D | |  | * Incorporate NJ Change Control 005 (NJ CleanPower program changes) * Incorporate NJ Change Control 006 to reflect current operations |
| October 23, 2006  Version 3.0.4D | |  | * Incorporate NJ Change Control 008 to reflect NJ CleanPower – unmetered usage for RECO) |
| February 12, 2007  Version 3.0.5F | |  | * Considered FINAL for PA and NJ |
| February 22, 2009  Version 3.0.6D | |  | * Incorporate NJ Change Control PSEG-E-Ref45 |
| January 24, 2010  Version 3.1 | |  | This transaction is a new FINAL version for Pennsylvania, New Jersey, Maryland, and Delaware. |
| September 8, 2010  Version 3.1.1D |  | | * Incorporate PA Change Control 060 * Incorporate MD Change Control – Admin (Admin/Cleanup change for MD |
| February 16, 2012  Version 4.01 |  | | * Incorporate PA Change Control 076 (add DIV to TED02 for 820) * Incorporate PA Change Control 086 (Clarify NCC 824) |
| March 8, 2013  Version 6.0 |  | | * 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 |  | | * Incorporate PA Change Control 106 (add AFB to TED02 for 810) * Incorporate MD Change Control 031 (add AFB to TED02 for 810) * Incorporate NJ Change Control 031 (RECO removal from IG) |
| May 18, 2018  Version 6.2 |  | | * Incorporate PA Change Control 141 (add FirstEnergy to DIS in TED02 – 810) * Incorporate NJ Change Control Electric 043 (add FirstEnergy to DIS in TED02 – 810) * Incorporate MD Change Control 051 (add FirstEnergy to DIS in TED02 – 810) |
| March 22, 2019  Version 6.3 |  | | * Incorporate NJ Change Control Electric 048 (NJ Note – End of Clean Power Choice) |
| March 31, 2020  Version 6.4 |  | | * Incorporate NJ Change Control Electric 049 (Proactive 824 - ACE) * Incorporate NJ Change Control Electric 050 (Remove old list server references) * Incorporate MD Change Control 057v3 (Proactive 824 – Delmarva DE) |

# Purpose of 824

To automate the communication of application problems occurring with EDI transactions other than the 814’s.

## Situations and Procedure for Use

This list of “Situations for Use” reflects all situations used by any state using this document. To see which transactions are used by each state, refer to the state-specific “Notes” section.

1. **Non-billing party may reject bad 867MU or IU**
2. If 824 action code indicates resend, metering party must correct and resend the transaction within 5 business days or contact the trading partner to agree on an alternative. You need only send the corrected 867, but you may send a cancel 867 and corrected 867 if your system requires that to correct the problem.
3. If Rate Ready and you sent a good 810, you do not need to resend 810. But you may resend 810 if your system requires that to correct the problem.
4. If Bill Ready Consolidated Billing, Billing Party must hold bill and restart bill window from time corrected 867 is sent. Corrected 867 shall contain new document due date.

* If corrected 867 is good, Non-Billing party must return good 810 by new document due date
* If corrected 867 is bad, repeat a-c, until a good 867 is received or other agreement is made between LDC and ESP.

1. **For Rate Ready Billing, non-billing party may reject bad 810**
2. If 824 action code indicates resend, billing party must correct and resend corrected 810 within 5 business days or contact the trading partner to agree on an alternative.
3. If sent good 867, do not need to resend 867. But may send cancel 867 and new 867 if your system requires that to correct the problem.
4. **For Bill Ready Consolidated Billing, billing party may reject bad 810**
5. If 824 action code indicates resend, non-billing party may correct and resend 810 immediately if still time in billing window. If not, they must wait until next billing window to resend.
6. If non-billing party resends 810 and misses billing window, they will receive another 824 stating the 810 was outside the billing window.

*This 824 notification replaces the current missed billing window e-mail or phone notifications.*

1. **Non billing party may reject bad 568**

Because the 568 transaction may contain many accounts per transaction, it is difficult to automate resolution of problems. Therefore, 824’s for bad 568’s will be sent as notification only. Corrective actions will be handled outside the EDI process as agreed upon by the billing and non-billing parties.

1. **Non billing party may reject bad 248**
2. If action code is resend, billing party must correct and resend the 248 within 5 business days or contact the trading partner to agree on an alternative.
3. **Non billing party may reject bad 820 remittance received directly from Billing Party or from the Bank.**

Because the 820 transaction may contain many accounts per transaction, it is difficult to automate resolution of problems. Therefore, 824’s for bad 820’s will be sent as notification only. Corrective actions will be handled outside the EDI process as agreed upon by the billing and non-billing parties.

1. **Non metering party may reject bad 867HU**
2. If action code is resend, metering party must correct and resend the 867HU within 5 business days or contact the trading partner to agree on an alternative.
3. **Bill Ready Billing Party may acknowledge non-billing party charges appeared on bill**
4. If the bill print has non-billing party charges, an 824 may be sent. It will contain the date the bill was rendered, the bill due date, and the total supplier amount due (which will include current charges and any arrearages)
5. **Bill Ready Billing Party issues bill with no non-billing party charges**.

## Transaction Structure

**867MU, 867IU, 867HU, 810, and 248:**

* One 824 per LDC Account.

Since these transactions are also one per LDC Account, the 824 will match one for one with the originating transaction in these cases.

**820 and 568:**

Since these transactions may contain many LDC Accounts per transaction, the 824 can be used either at the account or summary level as follows:

* If there is a problem with one or more accounts on the 820 (such as account number is not in receiver’s system), one 824 will be sent for each problem account. Each 824 will be coded as a Transaction Set Partial Accept/Reject (OTI01 = TP) and the appropriate LDC account number will be provided.
* If there is a problem with the transaction that cannot be attributed to a specific LDC account, the 824 will be coded as a Transaction Set Reject (OTI01 = TR) indicating that the entire transaction is being rejected.

## Rejection Reasons

To prevent abuse of the 824, the receiver should only send an 824 Rejection for reasons contained in this guide. The “Other” code (A13) may be used for situations needing immediate attention. However, each time an A13 is used, you must e-mail the appropriate state’s EDI Working Group so that a new code can be established. See TED segment for further explanation.

## Action Code

An Action Code will be used to tell receiver what action to take, if any.

* Follow Up (BGN08 = 82): This indicates that the receiver of the 824 must resend the transaction. This code should be used when it is possible and desirable to resolve the problem by correcting and resending the transaction.
* Evaluate (BGN08 = EV): This indicates that the receiver of the 824 should evaluate the problem and make modifications to their system as necessary without resending the transaction. This code should be used when it is not possible to correct the situation automatically (such as problems with the 820 and 568 transactions) or it is not desirable to do so (such as when receiver chooses to make minor corrections because that is the easiest or quickest solution).
* Confirm (BGN08 = CF): This indicates that the sender of the bill has sent a bill to the customer, and is relaying balance information to the non-billing party. No action is required from the non-billing party.

## Conditions for use of 824

* Party receiving 867, 810, 568, 248 or 820 may send an 824 when one of the valid reject reasons shown on the implementation guideline is detected. The 824 is mandatory if a transaction cannot be processed by the receiver’s system (rejection) and must be resent. The 824 is optional if the receiver needs to manipulate any data required by their application system (accept with error) but they are not asking for the transaction to be resent.
* Bill Ready 810’s that do not appear on the bill: An 824 containing an appropriate rejection code will be sent whenever an 810 is received but the charges are not included on the bill. An 824 will NOT be sent if an 810 is not received by the billing party. This allows the non-billing party to know that any 810’s they sent, minus any 997 rejects, minus any 824 rejects, is what was accepted by the receiver and placed on the customer bill. An 824 MAY be sent by the billing party in the event a bill is issued without non-billing party charges present.
* Bill Ready 810’s with use of 824 Acceptances: An 824 will be sent for every customer bill that should contain non-billing party charges. If the 810 received was not placed on the bill or no 810 was received, an 824 Rejection will be sent containing an appropriate rejection code. If the 810 received was placed on the bill, an 824 Acceptance will be sent. This allows the non-billing party to know what happened to each bill that should have contained their charges. The non-billing party should receive an 824 for each one-bill 867 they receive.
* If the receiver detects a problem as listed in the implementation guideline and chooses to send an 824, they must send it within 1 business day of receiving a bad transaction. Otherwise, the sender will not be held to their timing requirements. (i.e., If you do not send an 824 in response to a bad 867 within 1 business day, the billing window may not be held up and the bill may go out without your charges.)
* If the receiver detects a problem other than the valid reasons listed in the implementation guideline, they should phone or e-mail the sender as soon as possible. The sender should respond as soon as possible.
* If you receive an 824 with an action flag set to resend (Follow Up), you are required to respond either automatically or manually. You must correct and re-send the transaction within 5 business days or contact your trading partner and agree on an alternative. **Note:** An exception to this is that any rejection of a Bill Ready 810 will not change the billing window.
* If you receive an 824 with action flag set to notification only (Evaluate), a manual response (e-mail or phone call) to let the sending party know when the problem will be fixed is suggested.
* The proactive 824 is generated whenever the billing party renders a bill for the non-billing party. The proactive 824 is not used as an acknowledgement that the billing party received the non-billing party’s invoice (810) transaction, or to provide information about the charges on the current bill.
* Pay as you get paid (PAYGP) – the balance amount in the proactive 824 reflects the non -billing parties charges due.
* Purchase of Receivables (POR) – the balance amounts in the proactive 824 will not reflect the non-billing parties’ charges due but rather the billing parties balance.

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|  |  | General Notes |
| 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:   * EDC – Electric Distribution Company (Pennsylvania, Delaware) * LDC – Local Distribution Company (New Jersey) * 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:   * EGS – Electric Generation Supplier (Pennsylvania) * TPS – Third Party Supplier (New Jersey) * ES – Electric Supplier (Delaware) * ES – Electricity Supplier (Maryland) |
| Renewable Energy Provider Definition: |  | 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:   * GPM – Green Power Marketer (New Jersey)   **Note:** The transaction will either have an ESP or a Renewable Energy Provider, but not both. |
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| --- | --- | --- |
|  |  | Pennsylvania Notes |
| Pennsylvania Use: |  | This transaction is used for rejections of:   * 810 Rate Ready and 810 Bill Ready * 867 MU and 867 IU * 867 HU * 248 Write Off * 568 Collections * 820 Payment transaction   PECO will also be sending an 824 when no current charges print on a bill for the non-billing party. (This is an optional purpose in PA) |

|  |  |  |
| --- | --- | --- |
|  |  | New Jersey Notes |
| New Jersey Use: |  | This transaction is used for rejections of:   * 810 Rate Ready and 810 Bill Ready * 867 MU and 867 IU * 820 Payment transaction   PSE&G also sends when there are no ESP charges on the bill – see item below.  Rockland Electric Company (RECO) does not utilize this EDI implementation guideline. RECO uses the New York EDI implementation guidelines. |
| PSE&G Use as of CAS:  NJ Clean Power Choice |  | If no 810 is received within billing window, PSE&G will send bill to customer stating that no ESP charges were available and send an 824 to ESP.   * PSE&G will send at least one 824 for each 810 that PSE&G determines contains error(s). PSE&G will send each error condition found in an 810 as a separate 824. * PSE&G will reject 810’s (Action Code BGN08=82) for billings errors, and not print TPS charges or text message on the bill sent to the customer. However PSE&G will send an 824 evaluation notice (Action Code BGN08=EV) to TPS advising that there as an error with TPS’s text portion of the 810 but **still** print the TPS charges on the customer’s bill if the 810 contained no billing errors. * PSE&G will send 824 with the customer name missing for any 824 notifying TPS of a text error. * PSE&G will send 824 with customer name missing for any customer account number not found in PSE&G’s system.   Pursuant to Board Order, Docket No. QO18040393, the Clean Power Choice Program is coming to an 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. |
|  |  |  |

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| --- | --- | --- |
| Delaware Use: |  | Delaware Notes |
|  |  | * Delmarva Delaware: This transaction will be used for rejection of: * 810 Bill Ready * 867 MU and 867 IU * 820 Payment transaction * This transaction is also to be used as: * Proactive 824 to confirm balance information |

|  |  |  |
| --- | --- | --- |
|  |  | Maryland Notes |
| Maryland Use: |  | * This transaction will be used for rejection of: * 810 Rate Ready and 810 Bill Ready * 867 MU and 867 IU * 248 Write Off * 820 Payment transaction * This transaction is also be used as: * Proactive 824 to confirm balance and payment information   . |

# How to Use the Implementation Guideline

**Segment: REF Reference Identification**

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

**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.

1. If either C04003 or C04004 is present, then the other is required.
2. 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:**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Notes:** |  | Recommended by UIG | |
| **PA Use:**  This section is used to show the individual State’s Rules for implementation of this segment. |  | 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:  Accept Response:  Reject Response: | Required  Required  Required |
| **NJ Use:** |  | Same as PA | |
| **Example:**  One or more examples. |  | REF\*12\*2931839200 | |

**Data Element Summary**

**Ref. Data**

**Des. 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 | | | | | | |

**824 Application Advice**

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

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 use of each data element. If state rules differ, this will show “Conditional” and the conditions will be explained in the appropriate grayboxes.

# X12 Structure

**Functional Group ID=AG**

**Heading:**

**Pos. Seg. Req. Loop Notes and**

**No. ID Name Des. Max.Use Repeat Comments**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Must Use | 010 | ST | Transaction Set Header | M | 1 |  |  |  |  |  |  |  |  |
| Must Use | 020 | BGN | Beginning Segment | M | 1 |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID – N1 |  |  | >1 |  |  |  |  |  |  |  |
|  | 030 | N1 | Name | O | 1 |  |  |  |  |  |  |  |  |
|  | 070 | REF | Reference Identification | O | 12 |  |  |  |  |  |  |  |  |
|  | 080 | PER | Administrative Communications Contact | O | 3 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Detail:**

**Pos. Seg. Req. Loop Notes and**

**No. ID Name Des. Max.Use Repeat Comments**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID – OTI |  |  | >1 |  |  |  |  |  |  |  |
| Must Use | 010 | OTI | Original Transaction Identification | M | 1 |  | n1 |  |  |  |  |  |  |
|  | 020 | REF | Reference Identification | O | 12 |  | N2 |  |  |  |  |  |  |
|  | 030 | DTM | Date/Time Reference | O | 2 |  | n3 |  |  |  |  |  |  |
|  | 050 | AMT | Monetary Amount | O | >1 |  | n4 |  |  |  |  |  |  |
|  |  |  | LOOP ID – TED |  |  | >1 |  |  |  |  |  |  |  |
|  | 070 | TED | Technical Error Description | O | 1 |  |  |  |  |  |  |  |  |
|  | 080 | NTE | Note/Special Instruction | O | 100 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Must Use | 090 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Notes**

**1.** The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.

**2.** The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set. The primary reference identification or number should be provided in elements OTI02-03.

**3.** The DTM segment allows for the provision of date, time, or date and time information required to uniquely identify the original transaction set.

**4.** The AMT segment should be utilized if monetary amount information is important to the unique identification of the original transaction set.

# Data Dictionary for 824 – Application Advice

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Appl Field*** | ***Field Name*** | ***Description*** | ***EDI Segment*** | ***Loop / Related EDI Qualifier*** | ***Data***  ***Type*** |
| 1 | Transaction Reference Number | A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time. | BGN02 | BGN01 = **11 or 00** | X(30) |
| 2 | System Date | Date that the data was processed by the sender’s application system. | BGN03 |  | 9(8) |
| 3 | Action Code | Indicates whether the receiver of the 824 is expected to resend the transaction or not.  **82** – Follow Up (Resend)  **EV** – Evaluate (Do not resend)  **CF** – Accept | BGN08 |  | X(2) |
| 4 | LDC Name | LDC’s Name | N102 | N1: N101 = **8S** | X(60) |
| 5 | LDC Duns | LDC’s DUNS Number or DUNS+4 Number | N104 | N1: N101 = **8S**  N103 = **1** or **9** | X(13) |
| 6 | LDC Technical Contact | LDC Contact information (Telephone, Email, Fax) to resolve this particular issue. | PER | N1: N101 = **8S** | See IG |
| 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** | X(13) |
| 9 | ESP Technical Contact | ESP Contact information (Telephone, Email, Fax) to resolve this particular issue. | PER | N1: N101 = **SJ** | See IG |
| 9.3 | Renewable Energy Provider Name | Renewable Energy Provider 's Name | N102 | N1: N101 = **G7** | X(60) |
| 9.4 | Renewable Energy Provider Duns | Renewable Energy Provider 's DUNS Number or DUNS+4 Number | N104 | N1: N101 = **G7**  N103 = **1** or **9** | X(13) |
| 10 | Customer Name | Customer Name as it appears on the Customer’s Bill | N102 | N1: N101 = **8R** | X(35)  Note: X(60)  for MD |
| 11 | ESP Account Number | ESP Customer Account Number | REF02 | N1: REF01= **11** | X(30) |
| 12 | LDC Account Number | LDC Customer Account Number | REF02 | N1: REF01= **12** | X(30) |
| 12.2 | LDC Account Number - unmetered | LDC Customer Account Number – Unmetered | REF03 | N1: N101 = **8R**  REF01 = **12**  REF03 = **U** | X(80) |
| 13 | Old Account Number | Previous LDC Customer Account Number | REF02 | N1: REF01= **45** | X(30) |
| 14 | Rejection Level Indicator | * Indicates that the entire transaction is being rejected (OTI01=TR), * only part of the transaction is being rejected (OTI01=TP), * the entire transaction is accepted (OTI01=TA) * Item is rejected (OTI01=IR) | OTI01 |  | X(2) |
| 15 | Transaction Reference Number | Transaction Reference Number echoed from the Original Transaction or appropriate value. | OTI03 | OTI: OTI01=**TP** or **TR** or **TA** or **IR**  OTI02 = **TN** | X(30) |
| 16 | Transaction Set | Transaction Number that is being esponded to | OTI10 |  | X(3) |
| 17 | Cross Reference Number | Cross Reference Number from the 810 and 820 transaction. | REF02 | OTI: REF01 = **6O** | X(30) |
| 18 | Date Bill Rendered | Date bill was rendered to the customer (for 824 Acceptance of a Bill Ready 810) | DTM02 | OTI: DTM01 = **003** | 9(8) |
| 19 | Bill Due Date | Date customer payment is due (for 824 Acceptance of a Bill Ready 810) | DTM02 | OTI: DTM01 = **814** | 9(8) |
| 20 | Outstanding Balance | Total outstanding balance that printed on bill for non-billing party (for 824 Acceptance of a Bill Ready 810) | AMT02 | OTI: AMT01 = **BD** | 9(11).99- |
| 21 | Non-billing party charges | Charges that printed on bill for first time for non-billing party (for pro-active billing 824). This may include charges for the current bill period and / or charges for previous bill periods that are displayed on bill for the first time. | AMT02 | OTI: AMT01 = **PB** | 9(11).99- |
| 22 | Billing party outstanding balance | Total outstanding balance that printed on bill for billing party (for pro-active billing 824) | AMT02 | OTI: AMT01 = **J8** | 9(11).99- |
| 23 | Billing party charges | Charges that printed on bill for first time for billing party (for pro-active billing 824).This may include charges for the current bill period as well as adjustments that are displayed on bill for the first time. | AMT02 | OTI: AMT01 = **T4** | 9(11).99- |
| 24 | Payments applied to bill | Indicates payments applied to all billing party accounts represented on this bill. | AMT02 | OTI: AMT01 = **QZ** | 9(11).99- |
| 21 | Rejection Reason Code | Code indicating rejection reason - See implementation guideline for valid codes. | TED02 | TED: TED01 = **848** | X(3) |
| 22 | Rejection Text | Text explaining rejection reason | NTE02 | TED: NTE01 = **ADD** | X(80) |

# 

# 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) 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 for Delmarva:** |  | Required |
| **MD Use:** |  | Required |
| **Example:** |  | ST\*824\*000000001 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **ST01** | **143** | **Transaction Set Identifier Code** | | | | **M** | **ID 3/3** | | |
|  | | | Code uniquely identifying a Transaction Set | | | | | | |
|  | | | | 824 |  | Application Advice | | |
| **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 for Delmarva:** |  | Required |
| **MD Use:** |  | Required |
| **Example:** |  | BGN\*11\*199907111230001\*19990711\*\*\*\*\*82 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **BGN01** | **353** | **Transaction Set Purpose Code** | | | | | | **M** | | **ID 2/2** | | | | |
|  | | | Code identifying purpose of transaction set | | | | | | | | | | | |
|  | | | | | 00 |  | | Original | | | | | |
|  | | | | | | | | Indicates this transaction is not specifically being used to respond to another transaction. | | | | | |
|  | | | | | 11 |  | | Response | | | | | |
|  | | | | | | | | Signifies that the requested service will be addressed as described in this transaction | | | | | |
| **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 must be unique over time. | | | | | | | | | | | |
| **Must Use** | **BGN03** | **373** | **Date** | | | | | | **M** | | **DT 8/8** | | | | |
|  | | | Date expressed as CCYYMMDD | | | | | | | | | | | |
|  | | | The transaction creation date – the date that the data was processed by the sender’s application system. | | | | | | | | | | | |
| **Must Use** | **BGN08** | **306** | **Action Code** | | | | | | | **O** | |  | **ID 1/2** | | | |
|  | | | Code indicating type of action | | | | | | | | | | | |
|  | | | | 82 | | |  | Follow Up | | | | | | |
|  | | | | | | | | Indicates that the receiver of the transaction must correct and resend the transaction. | | | | | |
|  | | | | EV | | |  | Evaluate | | | | | | |
|  | | | | | | | | Indicates that the receiver of the transaction must evaluate the error, but the transaction should NOT be resent. | | | | | |
|  | | | | CF | | |  | Confirm | | | | | | |
|  | | | | | | | | Used whenever a consolidated bill is issued to transmit information about the customer’s balance.  **Note:** Valid in MD for Pepco, Delmarva, & BGE. Potomac Edison does not support. Also valid in DE for Delmarva and in NJ for Atlantic City Electric | | | | | |

# Segment: N1 Name (8S=LDC Name)

**Position:** 030

**Loop:** N1

**Level:** Heading

**Usage:** Recommended

**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 for Delmarva:** |  | Required |
| **MD Use:** |  | Required |
| **Example:** |  | N1\*8S\*LDC COMPANY\*1\*007909411 |

**Data Element Summary**

**Ref. Data**

**Des. 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 | | | | | | |
|  | | | | | 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 ½** | | |
|  | | | | 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 2/80** | | |
|  | | | | Code identifying a party or other code | | | | | | |
|  | | | LDC D-U-N-S Number or D-U-N-S + 4 Number | | | | | | |

## Segment: PER Administrative Communications Contact

**Position:** 080

**Loop:** N1

**Level:** Heading

**Usage:** Optional

**Max Use:** 3

**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:** |  | Optional LDC to ESP for LDC technical contact to resolve this particular issue. |
| **NJ Use:** |  | Same as PA |
| **DE Use for Delmarva:** |  | Same as PA |
| **MD Use:** |  | Same as PA |
| **Example:** |  | PER\*IC\*TECHNICAL [CONTACT\*TE\*8005551212\*EM\*CONTACT@COMPANY.COM](mailto:CONTACT*TE*8005551212*EM*CONTACT@COMPANY.COM) |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **PER01** | **366** | **Contact Function Code** | | | | **M** | **ID 2/2** | | |
|  | | | Code identifying the major duty or responsibility of the person or group named | | | | | | |
|  | | | | IC |  | Information Contact | | |
| Optional | **PER02** | **93** | **Name** | | | | **O** | **AN 1/60** | | |
|  | | | Free-form name | | | | | | |
| **Must Use** | **PER03** | **365** | **Communication Number Qualifier** | | | | **X** | **ID 2/2** | | |
|  | | | Code identifying the type of communication number | | | | | | |
|  | | | | EM |  | Electronic Mail | | |
|  | | | | FX |  | Facsimile | | |
|  | | | | TE |  | Telephone | | |
| **Must Use** | **PER04** | **364** | **Communication Number** | | | | **X** | **AN 1/80** | | |
|  | | | Complete communications number including country or area code when applicable | | | | | | |
| **Optional** | **PER05** | **365** | **Communication Number Qualifier** | | | | **X** | **ID 2/2** | | |
|  | | | Code identifying the type of communication number | | | | | | |
|  | | | | EM |  | Electronic Mail | | |
|  | | | | FX |  | Facsimile | | |
|  | | | | 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: N1 Name (SJ=ESP Name)

**Position:** 030

**Loop:** N1

**Level:** Heading

**Usage:** Recommended

**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 for Delmarva:** |  | Required |
| **MD Use:** |  | Required |
| **Example:** |  | N1\*SJ\*ESP COMPANY\*9\*007909422ESP1 |

**Data Element Summary**

**Ref. Data**

**Des. 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 | | | | | | |
|  | | | | | 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 ½** | | |
|  | | | | 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 2/80** | | |
|  | | | | Code identifying a party or other code | | | | | | |
|  | | | ESP D-U-N-S Number or D-U-N-S + 4 Number | | | | | | |

## Segment: PER Administrative Communications Contact

**Position:** 080

**Loop:** N1

**Level:** Heading

**Usage:** Optional

**Max Use:** 3

**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:** |  | Optional ESP to LDC for ESP technical contact to resolve this particular issue. |
| **NJ Use:** |  | Same as PA |
| **DE Use for Delmarva:** |  | Same as PA |
| **MD Use:** |  | Same as PA |
| **Example:** |  | PER\*IC\*TECHNICAL [CONTACT\*TE\*8005551212\*EM\*CONTACT@COMPANY.COM](mailto:CONTACT*TE*8005551212*EM*CONTACT@COMPANY.COM) |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **PER01** | **366** | **Contact Function Code** | | | | **M** | **ID 2/2** | | |
|  | | | Code identifying the major duty or responsibility of the person or group named | | | | | | |
|  | | | | IC |  | Information Contact | | |
| **Optional** | **PER02** | **93** | **Name** | | | | **O** | **AN 1/60** | | |
|  | | | Free-form name | | | | | | |
| **Must Use** | **PER03** | **365** | **Communication Number Qualifier** | | | | **X** | **ID 2/2** | | |
|  | | | Code identifying the type of communication number | | | | | | |
|  | | | | EM |  | Electronic Mail | | |
|  | | | | FX |  | Facsimile | | |
|  | | | | TE |  | Telephone | | |
| **Must Use** | **PER04** | **364** | **Communication Number** | | | | **X** | **AN 1/80** | | |
|  | | | Complete communications number including country or area code when applicable | | | | | | |
| **Optional** | **PER05** | **365** | **Communication Number Qualifier** | | | | **X** | **ID 2/2** | | |
|  | | | Code identifying the type of communication number | | | | | | |
|  | | | | EM |  | Electronic Mail | | |
|  | | | | FX |  | Facsimile | | |
|  | | | | 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: N1 Name (G7=Renewable Energy Provider Name)

**Position:** 030

**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\*9\*007909422GPM |

**Data Element Summary**

**Ref. Data**

**Des. 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 | | | | | | |
|  | | | | | G7 |  | Entity Providing the Service | | |
|  | | | | | | | Renewable Energy Provider | | |
| **Must Use** | **N102** | **93** | | **Name** | | | | **X** | **AN 1/60** | | |
|  | | | | Free-form name | | | | | | |
|  | | | Renewable Energy Provider 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 | | | | | | |
|  | | | Renewable Energy Provider D-U-N-S Number or D-U-N-S + 4 Number | | | | | | |

# Segment: N1 Name (8R=Customer Name)

**Position:** 030

**Loop:** N1

**Level:** Heading

**Usage:** Recommended

**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 on 568 or 820 when rejecting the entire transaction. Otherwise Required. |
| **NJ Use:** |  | Same as PA |
| **DE Use for Delmarva:** |  | Same as PA |
| **MD Use:** |  | Same as PA |
| **Example:** |  | N1\*8R\*CUSTOMER NAME |

**Data Element Summary**

**Ref. Data**

**Des. 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 | | | | | | |
|  | | | | | 8R |  | Consumer Service Provider (CSP) Customer | | |
|  | | | | | | | Used to identify the customer associated with the LDC service account | | |
| **Must Use** | **N102** | **93** | | **Name** | | | | **X** | **AN 1/60** | | |
|  | | | | Free-form name | | | | | | |
|  | | | Customer Name as it appears on the customer’s bill | | | | | | |

# Segment: REF Reference Identification (11=ESP Account Number)

**Position:** 070

**Loop:** N1

**Level:** Heading

**Usage:** Optional

**Max Use:** 12

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **PA Use:** |  | Not used on the 568 or 820 when rejecting the entire transaction. Otherwise required if it was previously provided to the LDC. |
| **NJ Use:** |  | Same as PA |
| **DE Use:** |  | Same as PA |
| **MD Use:** |  | Same as PA |
| **Example:** |  | REF\*11\*2348400586 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name X12 Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | |
|  | | | | 11 |  | Account Number | | |
|  | | | | | | ESP-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 | | | | | | |

# Segment: REF Reference Identification (12=LDC Account Number)

**Position:** 070

**Loop:** N1

**Level:** Heading

**Usage:** Optional

**Max Use:** 12

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**Semantic Notes:**

**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. |
|  |  | Not used for the 568 or 820 when rejecting the entire transaction. Otherwise, required. When the rejection reason is due to an LDC account number not being provided in the original transaction, this segment must not be sent on the 824. |
| **NJ Use:** |  | Same as PA |
| **DE Use for Delmarva:** |  | Same as PA |
| **MD Use:** |  | Same as PA |
| **Example:** |  | REF\*12\*2931839200 |

**Data Element Summary**

**Ref. Data**

**Des. 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 | | | | | | |

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

**Position:** 070

**Loop:** N1

**Level:** Heading

**Usage:** Optional

**Max Use:** 12

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **PA Use:** |  | Not used for the 820 or 568 when rejecting the entire transaction. Otherwise required if account number changed in the last 60 days.  **Note:** Only used when LDC is sending this transaction. |
| **NJ Use:** |  | Same as PA |
| **DE Use for Delmarva:** |  | Not used – Delmarva will not change LDC Account Number. |
| **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. Data**

**Des. Element Name X12 Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | |
|  | | | | 45 |  | Old Account Number | | |
|  | | | | | | LDC’s previous account number for the 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 | | | | | | |

# Segment: OTI Original Transaction Identification

**Position:** 010

**Loop:** OTI

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

**Syntax Notes:**

**Semantic Notes:** **1** OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.

**Comments:** **1** OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.

**2** If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

|  |  |  |
| --- | --- | --- |
| **PA Use:** |  | Required |
| **NJ Use:** |  | Required |
| **DE Use for Delmarva:** |  | Required |
| **MD Use** |  | Required  **Note:** Used for all transaction identified with the exception of the 568, since the 568 is not used in MD. |
| **Example:** |  | OTI\*TR\*TN\*1999010100001\*\*\*\*\*\*\*867 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **OTI01** | **110** | **Application Acknowledgment Code** | | | | | | **M** | **ID 1/2** | | |
|  | | | Code indicating the application system edit results of the business data | | | | | | | | |
|  | | | | TP | |  | | Transaction Set Partial Accept/Reject | | |
|  | | | | | | | | Used to reject one or more individual accounts on the transaction. Applicable only as a response to the 568 and 820 transactions. | | |
|  | | | | TR | |  | | Transaction Set Reject | | |
|  | | | | | | | | Used to reject the entire transaction. Applicable for 248, 568, 810, 820 and 867 transactions. | | |
|  | | | | | TA | |  | Transaction Set Accept | | |
|  | | | | | | | | Used to accept the entire transaction. Applicable for a Bill Ready 810 only when confirming charges printed on the bill.  **Note:** Valid in MD for Pepco, Delmarva, BGE, and PE. Also used by Delmarva/ACE in DE and NJ. | | |
|  | | | | | IR | |  | Item Reject | | |
|  | | | | | | | | Indicates an item has been rejected.  **Note:** Used in PA when no current charges print on bill. | | |
| **Must Use** | **OTI02** | **128** | **Reference Identification Qualifier** | | | | | | **M** | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | | |
|  | | | | TN | |  | | Transaction Reference Number | | |
| **Must Use** | **OTI03** | **127** | **Reference Identification** | | | | | | **M** | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | | |
|  | | | This data element is populated from the following data elements of the original transaction:  248 – BHT03  568 – BGN02  810 – BIG02  820 – TRN02  867 – BPT02  For cases in PA, when sending 824 due to no charges on bill, this field will contain the BPT02 of the original 867 in which no charges were received by the billing party  For case when PSE&G is sending 824 when no charges on are on bill, this field will contain:   * MISSED BILLING WINDOW   For case when Atlantic City Electric / Delmarva is sending a proactive 824 at time of billing for New Jersey or Delaware respectively, this field will contain:   * PROACTIVE 824 – indicates this 824 is being sent as the result of Atlantic City Electric / Delmarva issuing a bill.   For case when Maryland is sending a proactive 824 at time of billing, this field will contain one of the following:   * PROACTIVE 824 – indicates this 824 is being sent as a result of the billing party issuing a bill and the customer is not on payment plan * PRO824 PAYMENT PLAN – indicates this 824 is being sent as a result of the billing party issuing a bill and the customer is on a payment plan Amount fields will relate to payment plan balances. | | | | | | | | |
| **Must Use** | **OTI10** | **143** | **Transaction Set Identifier Code** | | | | | | **O** | **ID 3/3** | | |
|  | | | Code uniquely identifying a Transaction Set | | | | | | | | |
|  | | | The EDI Transaction Set number of the transaction being responded to. | | | | | | | | |
|  | | | | 248 | |  | | Account Assignment/Inquiry and Service/Status | | |
|  | | | | 568 | |  | | Contract Payment Management Report | | |
|  | | | | 810 | |  | | Invoice | | |
|  | | | | | | | | This value is sent when billing party notifies non-billing party a customer bill did not include non-billing party charges (TED03 = NCC). | | |
|  | | | | 820 | |  | | Payment Order/Remittance Advice | | |
|  | | | | 867 | |  | | Product Transfer and Resale Report | | |

# Segment: REF Reference Identification (6O=Cross Reference)

**Position:** 020

**Loop:** OTI

**Level:** Detail

**Usage:** Optional

**Max Use:** 12

**Purpose:** To specify identifying information

**Syntax Notes:** **1** At least one of REF02 or REF03 is required.

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **PA Use:** |  | Required for 810  Required for 820 in Making the Other Party Whole scenario  Not used on response to other transactions. |
| **NJ Use:** |  | Optional for 810  Not used on response to other transactions |
| **DE Use for Delmarva:** |  | Same as NJ |
| **MD Use:** |  | Same as NJ |
| **Example:** |  | REF\*6O\*CR19990101XXX001 (Note the code contains the letter O). |

**Data Element Summary**

**Ref. Data**

**Des. Element Name X12 Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | | **Reference Identification Qualifier** | | | | | **M** | **ID 2/3** | | |
|  | | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | | 6O | |  | Cross Reference Number | | |
|  | | | | | |  | | | | | |
| **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 data element is populated from the following data elements of the original transaction:  810 – BIG05  820 – REF02 when REF01 = 6O | | | | | | | | |

# Segment: DTM Date/Time Reference (003=Date Bill Rendered)

**Position:** 030

**Loop:** OTI

**Level:** Detail

**Usage:** Optional

**Max Use:** 2

**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:** |  | Date Bill Rendered – Used when sending 824 to indicate no current charges on bill.  Not Used for other scenarios |
| **NJ Use:** |  | Used when notifying non-billing party of the amount of their outstanding charges that appear on a customer bill.  Note: ACE use only |
| **DE Use for Delmarva:** |  | Same as MD |
| **MD Use:** |  | Date Bill Rendered - Used when confirming non-billing party charges appear on a customer bill. Used only with 824 “Acceptance” of a Bill Ready 810.  PHI Use: Used when sending 824 at the time the bill is generated.  BGE Use: Residential Only. Sends upon receipt of Supplier’s Bill Ready 810 and issuance of customer bill.  First Energy/Potomac Edison: does not send Proactive 824 in MD |
| **Example:** |  | DTM\*003\*19991228 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **DTM01** | **374** | **Date/Time Qualifier** | | | | **M** |  | **ID 3/3** | | |
|  | | | Code specifying type of date or time, or both date and time | | | | | | | |
|  | | | | 003 |  | Invoice | | | | |
|  | | | | | | Indicates invoice date | | | |
| Must use | **DTM02** | **373** | **Date** | | | | **X** |  | **DT 8/8** | | |
|  | | | Date expressed as CCYYMMDD | | | | | | | |

# Segment: DTM Date/Time Reference (814=Bill Due Date)

**Position:** 030

**Loop:** OTI

**Level:** Detail

**Usage:** Optional

**Max Use:** 2

**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:** |  | Not Used |
| **NJ Use:** |  | Bill Due Date – Used when notifying a non-billing party of the amount of their outstanding charges that appears on a customer bill.  Note: ACE use only |
| **DE Use for Delmarva:** |  | Same as MD |
| **MD Use:** |  | Bill Due Date- Used when confirming non-billing party charges appear on a customer bill.  Used only with 824 “Acceptance” of a Bill Ready 810  PHI Use: Used when sending 824 at the time the bill is generated.  BGE Use: Residential Only. Sends upon receipt of Supplier’s Bill Ready 810 and issuance of customer bill.  First Energy/Potomac Edison: does not send Proactive 824 in MD |
| **Example:** |  | DTM\*814\*20000124 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **DTM01** | **374** | **Date/Time Qualifier** | | | | **M** |  | **ID 3/3** | | |
|  | | | Code specifying type of date or time, or both date and time | | | | | | | |
|  | | | | 814 |  | Payment Due Date | | | | |
|  | | | | | | Used on an accept response to an 810 transaction to indicate the customer's payment due date. | | | |
| **Must Use** | **DTM02** | **373** | **Date** | | | | **X** |  | **DT 8/8** | | |
|  | | | Date expressed as CCYYMMDD | | | | | | | |

# Segment: AMT Monetary Amount (BD=Outstanding Customer Balance)

**Position:** 050

**Loop:** OTI

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To indicate the total monetary amount

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **PA Use:** |  | Not Used |
| **NJ Use:** |  | Total Outstanding Balance – Used when notifying a non-billing party of the amount of their outstanding balance that appears on a customer bill.  Note: ACE use only |
| **DE Use for Delmarva:** |  | Same as MD |
| **MD Use:** |  | Total non-billing party charges due (reflects total balance due for non-billing party that appeared on customer bill)- Used to confirm non-billing party balance that appears on a customer’s bill. Used only with Proactive 824 when bill is issued.  First Energy/Potomac Edison: does not send Proactive 824 in MD |
| **Example:** |  | AMT\*BD\*325.75 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **AMT01** | **522** | **Amount Qualifier Code** | | | | **M** |  | **ID 1/3** | | |
|  | | | Code to qualify amount | | | | | | | |
|  | | | | BD |  | Balance Due | | | | |
|  | | | | | | Used on a proactive 824 to indicate the non-billing party balance due that was included on the consolidated bill to the customer. | | | |
| **Must Use** | **AMT02** | **782** | **Monetary Amount** | | | | **M** |  | **R 1/18** | | |
|  | | | Monetary amount | | | | | | | |

# Segment: AMT Monetary Amount (PB=Non-billing Party Charges)

**Position:** 050

**Loop:** OTI

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To indicate the total monetary amount

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **PA Use:** |  | Not Used |
| **NJ Use:** |  | Not Used.  Note: For Atlantic City Electric, may be used in future in same way being used in Maryland |
| **DE Use for Delmarva:** |  | Not Used |
| **MD Use:** |  | Non-billing party charges that appear on bill for first time. This may include charges for the current bill period and / or charges for previous bill periods that are displayed on bill for the first time.  Used only with Proactive 824 when bill is issued. |
| **Example:** |  | AMT\*PB\*125.75 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **AMT01** | **522** | **Amount Qualifier Code** | | | | **M** |  | **ID 1/3** | | |
|  | | | Code to qualify amount | | | | | | | |
|  | | | | PB |  | Non-billing party charges | | | | |
|  | | | | | | Used on a proactive 824 to indicate new non-billing party charges | | | |
| **Must Use** | **AMT02** | **782** | **Monetary Amount** | | | | **M** |  | **R 1/18** | | |
|  | | | Monetary amount | | | | | | | |

# Segment: AMT Monetary Amount (J8=Outstanding Customer Billing Party Balance)

**Position:** 050

**Loop:** OTI

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To indicate the total monetary amount

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **PA Use:** |  | Not Used |
| **NJ Use:** |  | Not Used |
| **DE Use for Delmarva:** |  | Not Used |
| **MD Use:** |  | Total billing party charges due. This will either be the total charges due to the billing party for this bill; or if the customer has a payment plan, the payment plan amount due to the billing party. This will not include the balance of the non-billing party to whom this transaction is being sent.  Used only with Proactive 824 when bill is issued and only for residential accounts. For BG&E, this will include all other balances shown on bill; i.e., utility gas and electric, as well as any other non-billing party balances. |
| **Example:** |  | AMT\*J8\*220.66 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **AMT01** | **522** | **Amount Qualifier Code** | | | | **M** |  | **ID 1/3** | | |
|  | | | Code to qualify amount | | | | | | | |
|  | | | | J8 |  | Balance Due | | | | |
|  | | | | | | Used on a proactive 824 to indicate the billing party balance due that was included on the consolidated bill to the customer. | | | |
| **Must Use** | **AMT02** | **782** | **Monetary Amount** | | | | **M** |  | **R 1/18** | | |
|  | | | Monetary amount | | | | | | | |

# Segment: AMT Monetary Amount (T4=Billing Party Charges)

**Position:** 050

**Loop:** OTI

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To indicate the total monetary amount

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **PA Use:** |  | Not Used |
| **NJ Use:** |  | Not Used |
| **DE Use for Delmarva:** |  | Not Used |
| **MD Use:** |  | Current billing party charges for pro-active billing 824.This will have the same amount whether the customer has a payment plan or not. This will not include the current charges of the non-billing party to whom this transaction is being sent.    Used only with Proactive 824 when bill is issued and only for residential accounts. For BG&E, this will include all other current charges shown on bill; i.e., utility gas and electric, as well as any other non-billing party charges. |
| **Example:** |  | AMT\*T4\*110.44 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **AMT01** | **522** | **Amount Qualifier Code** | | | | **M** |  | **ID 1/3** | | |
|  | | | Code to qualify amount | | | | | | | |
|  | | | | T4 |  | Billing party charges | | | | |
|  | | | | | | Used on a proactive 824 to indicate new billing party charges. | | | |
| **Must Use** | **AMT02** | **782** | **Monetary Amount** | | | | **M** |  | **R 1/18** | | |
|  | | | Monetary amount | | | | | | | |

# Segment: AMT Monetary Amount (QZ= Payment Amount)

**Position:** 050

**Loop:** OTI

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To indicate the total monetary amount

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **PA Use:** |  | Not Used |
| **NJ Use:** |  | Not Used |
| **DE Use for Delmarva:** |  | Not Used |
| **MD Use:** |  | Payment amount applied to customer’s bill. This represents total payment applied to the billing party’s accounts, regardless of which account amount is applied to. This will have the same amount whether the customer has a payment plan or not.  Used only with Proactive 824 when bill is issued and only for residential accounts. For BG&E, this will include all payments applied for the entire bill. |
| **Example:** |  | AMT\*QZ\*60.52 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **AMT01** | **522** | **Amount Qualifier Code** | | | | **M** |  | **ID 1/3** | | |
|  | | | Code to qualify amount | | | | | | | |
|  | | | | QZ |  | Payment Amount | | | | |
|  | | | | | | Used on a proactive 824 to indicate payments applied to all billing party accounts represented on this bill. | | | |
| **Must Use** | **AMT02** | **782** | **Monetary Amount** | | | | **M** |  | **R 1/18** | | |
|  | | | Monetary amount | | | | | | | |

# Segment: TED Technical Error Description (Error Code)

**Position:** 070

**Loop:** TED

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To identify the error and, if feasible, the erroneous segment, or data element, or both

**Syntax Notes:**

**Semantic Notes:**

**Comments:** **1** If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | The TED/NTE may loop as many times as necessary to provide all rejection reasons. |
| **PA Use:** |  | Required |
| **NJ Use:** |  | Required |
| **DE Use for Delmarva:** |  | Required |
| **MD Use:** |  | Required if transaction sent was rejected  Not used when “confirming” Bill Ready 810. |
| **Example:** |  | TED\*848\*A76 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **TED01** | **647** | **Application Error Condition Code** | | | | **M** | **ID 1/3** | | |
|  | | | Code indicating application error condition | | | | | | |
|  | | | | 848 |  | Incorrect Data | | |

Rules for Rejection Reason Codes

|  |
| --- |
| The codes on the next several pages have been identified to convey rejection reasons. Only the codes listed for each service are valid for that service.  “A13” (Other) must **only** be used when an existing error code does not convey the reason correctly. Each time “A13” (Other) is used for a new purpose, the utility must inform the EDI Work Group who will determine whether a new code is needed. |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Rejection Reason Codes in Response to a 248, 568 & 820 | | | | | | | | | | |
| **Must Use** | **TED02** | **3** | **Free Form Message** | | | | **O** | **AN 1/60** | | |
|  | | | Free-form text | | | | | | |
|  | | | | A13 |  | Other | | |
|  | | | | | | See note above regarding the use of the A13 code | | |
|  | | | | A76 |  | Account Not Found | | |
|  | | | | API |  | Required Information Missing | | |
|  | | | | SUM |  | Sum of Details does not equal total (does not apply to 248) | | |
|  | | | | DIS |  | 820 Pending Until Dispute Resolution | | |
|  | | | | | | Used in PA (PECO & FirstEnergy only) to indicate LDC is withholding an EDI 820 from an ESP as a result of the customer opening a dispute in which customer either questions ESP charges *OR* claims that they have been slammed. | | |
|  | | | | DIV |  | Invalid or missing date | | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Rejection Reason Codes in Response to an 810 | | | | | | | | | | |
| **Must Use** | **TED02** | **3** | **Free Form Message** | | | | **O** | **AN 1/60** | | |
|  | | | Free-form text | | | | | | |
|  | | | | A13 |  | Other | | |
|  | | | | | | See note above regarding the use of the A13 code | | |
|  | | | | A76 |  | Account Not Found | | |
|  | | | | A84 |  | Invalid Relationship | | |
|  | | | | | | Supplier is not the supplier of record | | |
|  | | | | ABN |  | Duplicate Request Received | | |
|  | | | | | | Duplicate 810 received | | |
|  | | | | ADM |  | Amount Does Not Match | | |
|  | | | | | | The amount within the 810 Cancellation/Reversal does not match the original 810. | | |
|  | | | | AFB |  | Account Final Billed with Supplier | | |
|  | | | | | | Used in the event Supplier sends 810 transaction(s) after account has final billed with the Supplier and transaction is outside the bill window.  Supplier will need to invoice customer directly | | |
|  | | | | API |  | Required Information Missing | | |
|  | | | | BRC |  | Number of SAC segments exceeds allowable maximum | | |
|  | | | |  |  | Used in PA by PECO only. | | |
|  | | | | CRI |  | Cross Reference Number Invalid | | |
|  | | | | | | The cross reference number provided on the 810 does not match the cross reference number on an open 867. | | |
|  | | | | DDM |  | Dates Do Not Match | | |
|  | | | | | | 810 Service Period Begin and End Dates do not match the same dates on an open 867 | | |
|  | | | | DIV |  | Invalid or missing date | | |
|  | | | | | | Includes date ranges for billing periods no longer supported by CIS system | | |
|  | | | | EXP |  | 810 Received for billing period older than that supported by the Billing System | | |
|  | | | | FRF |  | Bill Type Mismatch | | |
|  | | | | | | Supplier and utility system do not have same bill type.  For instance, an 810 was received by the LDC for a customer that is listed as a DUAL bill option in the receiver’s system. BGN08 must be EV for this rejection reason. | | |
|  | | | | FRG |  | Bill Calculator Mismatch | | |
|  | | | | | | An 810 was received for a customer with a bill calculator (REF\*PC) different than what is listed in the recipient’s system. BGN08 must be EV for this rejection reason. | | |
|  | | | | IVL |  | SAC (charges and/or adjustments ) sent in incorrect IT1 Loop | | |
|  | | | | IVT |  | PID segment(s) sent in incorrect IT1 Loop | | |
|  | | | | NCC |  | No current charges | | |
|  | | | | | | Used in PA and NJ (PSE&G) only when bill issued with no current charges | | |
|  | | | | NCP |  | No Cancellation Processed | | |
|  | | | | | | 810 re-bill received before or not with 810 cancellation | | |
|  | | | | OBW |  | Outside Bill Window | | |
|  | | | | | | The 810 was received outside of the billing window. | | |
|  | | | | PCR |  | 810 Rejected – Pending Cancel/Rebill | | |
|  | | | | RBT |  | Over 50 PID segments (text) lines received and A PID05 element contained over 60 characters | | |
|  | | | | RNA |  | Rolling text page Not Authorized | | |
|  | | | | R50 |  | Over 50 PID segments (text) lines recieved | | |
|  | | | | R60 |  | A PID05 element contained over 60 characters | | |
|  | | | | SUM |  | Sum of Details does not equal total | | |
|  | | | | TCN |  | Total Charges Negative (for billing parties that do not allow negative charges) | | |
|  | | | | TXI |  | Invalid TXI information | | |
|  | | | | W06 |  | Duplicate Rates Found (PECO Only) | | |
|  | | | | 008 |  | Account exists but is not active | | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Rejection Reason Codes in Response to an 867 | | | | | | | | | | |
| **Must Use** | **TED02** | **3** | **Free Form Message** | | | | **O** | **AN 1/60** | | |
|  | | | Free-form text | | | | | | |
|  | | | | A13 |  | Other | | |
|  | | | | | | See note above regarding the use of the A13 code | | |
|  | | | | A76 |  | Account Not Found | | |
|  | | | | ABO |  | Corrected transaction received prior to cancellation or rejection transaction. | | |
|  | | | | | | A corrected 867 was received without first receiving a Cancellation 867 or having sent an 824 rejecting the original 867. | | |
|  | | | | API |  | Required Information Missing | | |
|  | | | | DIV |  | Invalid or missing date | | |
|  | | | | FRF |  | Bill Type Mismatch | | |
|  | | | | | | Supplier and utility system do not have same bill type.  For instance, an 867 was received for a customer with a bill type (REF\*BLT) different than what is listed in the ESP system. BGN08 must be EV for this rejection reason. | | |
|  | | | | FRG |  | Bill Calculator Mismatch | | |
|  | | | | | | An 867 was received for a customer with a bill calculator (REF\*PC) different than what is listed in the ESP system. BGN08 must be EV for this rejection reason. | | |
|  | | | | IIS |  | Invalid Interval Status | | |
|  | | | | | | Interval Detail usage data is sent when Interval Summary Usage Data was requested or vice versa. | | |
|  | | | | SUM |  | Sum of Details does not equal total | | |

# Segment: NTE Note/Special Instruction (Error Reason)

**Position:** 080

**Loop:** TED

**Level:** Detail

**Usage:** Optional

**Max Use:** 100

**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

**Syntax Notes:**

**Semantic Notes:**

**Comments:** **1** The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

|  |  |  |
| --- | --- | --- |
| **PA Use:** |  | Required |
| **NJ Use:** |  | Required |
| **DE Use for Delmarva:** |  | Required |
| **MD Use:** |  | Required if transaction sent was rejected and TED02 value is A13 or API; otherwise, NTE segment is optional.  Not used when “confirming” Bill Ready 810. |
| **Example:** |  | NTE\*ADD\*ACCOUNT NOT FOUND |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **NTE01** | **363** | **Note Reference Code** | | | | **O** | **ID 3/3** | | |
|  | | | Code identifying the functional area or purpose for which the note applies | | | | | | |
|  | | | | ADD |  | Additional Information | | |
| **Must Use** | **NTE02** | **352** | **Description** | | | | **M** | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | |
|  | | | Rejection Reason Text | | | | | | |

# Segment: SE Transaction Set Trailer

**Position:** 090

**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 for Delmarva:** |  | Required |
| **MD Use:** |  | Required |
| **Example:** |  | SE\*28\*000000001 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name X12 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 | | |

# Examples for 824

## Example: 824 Rejection of an 867 Transaction for bad account number

For instance, ESP sending 824 on 867 from LDC when LDC is metering agent.

|  |  |
| --- | --- |
| BGN\*11\*REJ867-199907110719-001\*19990711\*\*\*\*\*82 | Beginning Segment - Contains transaction reference number and system date. Indicates Follow-Up – receiver of transaction must correct error and resend the transaction. |
| N1\*8S\*LDC COMPANY\*1\*007909411 | LDC Name and DUNS information |
| N1\*SJ\*ESP COMPANY\*9\*007909422ESP1 | ESP Name and DUNS information |
| PER\*IC\*ESP TECHNICAL [CONTACT\*TE\*8005551212\*EM\*CONTACT@COMPANY.COM](mailto:CONTACT*TE*8005551212*EM*CONTACT@COMPANY.COM) | ESP Technical contact to resolve this particular issue |
| N1\*8R\*CUSTOMER NAME | Customer Name |
| REF\*11\*2348400586 | ESP Account Number |
| REF\*12\*293839200 | LDC Account Number |
| OTI\*TR\*TN\*ORIGTRANNUMB000001\*\*\*\*\*\*\*867 | Indicates a Transaction Set Reject and provides the transaction reference number from the original transaction and the transaction set id. |
| TED\*848\*A76 | Indicates that the account number was not found. |
| NTE\*ADD\*ACCOUNT NOT FOUND | Gives further description of error |

## Example: 824 Rejection of a Bill Ready 810 Transaction for multiple reasons

For instance, LDC sending 824 on 810 from ESP when LDC is billing agent.

|  |  |
| --- | --- |
| BGN\*11\*REJ810-199907110719-999\*19990711\*\*\*\*\*EV | Beginning Segment - Contains transaction reference number and system date. Indicates Evaluate – receiver of transaction must evaluate error, but should NOT re-send the transaction. |
| N1\*8S\*LDC COMPANY\*1\*007909411 | LDC Name and DUNS information |
| PER\*IC\*LDC TECHNICAL [CONTACT\*TE\*8005551212\*EM\*CONTACT@COMPANY.COM](mailto:CONTACT*TE*8005551212*EM*CONTACT@COMPANY.COM) | LDC Technical contact to resolve this particular issue |
| N1\*SJ\*ESP COMPANY\*9\*007909422ESP1 | ESP Name and DUNS information |
| N1\*8R\*CUSTOMER NAME | Customer Name |
| REF\*11\*2348400586 | ESP Account Number |
| REF\*12\*293839200 | LDC Account Number |
| REF\*45\*813483000 | LDC Old Account Number |
| OTI\*TR\*TN\*ORIGTRANNUMB000001\*\*\*\*\*\*\*810 | Indicates a Transaction Set Reject and provides the transaction reference number from the original transaction and the transaction set id. |
| REF\*6O\*CR19990101XXX001 | Original Cross Reference Number from 810 Transaction. |
| TED\*848\*FRF | Indicates that the bill type on supplier system does not match bill type on utility system |
| NTE\*ADD\*BILL TYPE MISMATCH | Gives further description of error |
| TED\*848\*FRG | Indicates that the bill calculator on supplier system does not match bill type on utility system |
| NTE\*ADD\*BILL CALCULATOR MISMATCH | Gives further description of error |

## 

## Example: 824 Rejection of an entire 820 Transaction

For instance, ESP sending 824 on 820 from LDC when LDC is billing agent.

|  |  |
| --- | --- |
| BGN\*11\*REJ820-199907110719-999\*19990711\*\*\*\*\*EV | Beginning Segment - Contains transaction reference number and system date. Indicates Evaluate – receiver of transaction must evaluate error, but should NOT re-send the transaction. |
| N1\*8S\*LDC COMPANY\*1\*007909411 | LDC Name and DUNS information |
| N1\*SJ\*ESP COMPANY\*9\*007909422ESP1 | ESP Name and DUNS information |
| PER\*IC\*LDC TECHNICAL [CONTACT\*TE\*8005551212\*EM\*CONTACT@COMPANY.COM](mailto:CONTACT*TE*8005551212*EM*CONTACT@COMPANY.COM) | LDC Technical contact to resolve this particular issue |
| OTI\*TR\*TN\*ORIGTRACENUMB000003\*\*\*\*\*\*\*820 | Indicates a Transaction Set Reject and provides the trace number (TRN02) from the original transaction and the transaction set id. |
| TED\*848\*SUM | Indicates that the sum of the details doesn’t match the total |
| NTE\*ADD\*SUM OF DETAILS DOES NOT MATCH TOTAL | Gives further description of error |

## Example: 824 Rejection of single account for a bad account number on an 820

**Note:** If there are multiple accounts that are rejected, each one must be a separate 824.

For instance, ESP sending 824 on 820 from LDC when LDC is billing agent.

|  |  |
| --- | --- |
| BGN\*11\*REJ820-199907110719-001\*19990711\*\*\*\*\*EV | Beginning Segment - Contains transaction reference number and system date. Indicates Evaluate – receiver of transaction must evaluate error, but should NOT re-send the transaction. |
| N1\*8S\*LDC COMPANY\*1\*007909411 | LDC Name and DUNS information |
| N1\*SJ\*ESP COMPANY\*9\*007909422ESP1 | ESP Name and DUNS information |
| PER\*IC\*ESP TECHNICAL [CONTACT\*TE\*8005551212\*EM\*CONTACT@COMPANY.COM](mailto:CONTACT*TE*8005551212*EM*CONTACT@COMPANY.COM) | ESP Technical contact to resolve this particular issue |
| N1\*8R\*CUSTOMER NAME | Customer Name |
| REF\*11\*2348400586 | ESP Account Number |
| REF\*12\*293839200 | LDC Account Number |
| OTI\*TP\*TN\*ORIGTRANNUMB000001\*\*\*\*\*\*\*820 | Indicates a Transaction Set Partial Reject and provides the trace number (TRN02) from the original transaction and the transaction set id. |
| REF\*6O\*CR19990101XXX001 | Original Cross Reference Number from 820  **Note:** This segment is only sent when making the other party whole. |
| TED\*848\*A76 | Indicates that the account number was not found. |
| NTE\*ADD\*ACCOUNT NOT FOUND | Gives further description of error |

## Example: 824 Confirmation that non-billing party charges (810) appeared on bill

For instance,LDC sending 824 Acceptance on 810 from ESP when LDC is billing agent.

|  |  |
| --- | --- |
| BGN\*11\*ACC810-19991227-001\*19991227\*\*\*\*\*CF | Beginning Segment - Contains transaction reference number and system date. Indicates Confirm – non-billing party’s charges will appear on the customer’s bill. |
| N1\*8S\*LDC COMPANY\*1\*007909411 | LDC Name and DUNS information |
| N1\*SJ\*ESP COMPANY\*9\*007909422ESP1 | ESP Name and DUNS information |
| N1\*8R\*CUSTOMER NAME | Customer Name |
| REF\*11\*2348400586 | ESP Account Number |
| REF\*12\*293839200 | LDC Account Number |
| OTI\*TA\*TN\*ORIGTRANNUMB000001\*\*\*\*\*\*\*810 | Indicates the entire 810 transaction was accepted. |
| REF\*6O\*CR19991227XXX001 | Original Cross Reference Number from 810 (BIG05) |
| DTM\*003\*19991227 | Indicates the date bill was rendered |
| DTM\*814\*20000120 | Indicates the bill due date |
| AMT\*BD\*325.75 | Indicated outstanding customer balance |

## Example: 824 Proactive 824 when customer bill is issued

For instance,in Maryland, LDC will send an 824 that provides customer balance information whenever a bill is rendered.

|  |  |
| --- | --- |
| BGN\*11\*ACC810-19991227-001\*19991227\*\*\*\*\*CF | Beginning Segment - Contains transaction reference number and system date. Indicates Confirm – non-billing party’s charges will appear on the customer’s bill. |
| N1\*8S\*LDC COMPANY\*1\*007909411 | LDC Name and DUNS information |
| N1\*SJ\*ESP COMPANY\*9\*007909422ESP1 | ESP Name and DUNS information |
| N1\*8R\*CUSTOMER NAME | Customer Name |
| REF\*11\*2348400586 | ESP Account Number |
| REF\*12\*123456799992 | LDC Account Number |
| OTI\*TA\*TN\* PROACTIVE 824\*\*\*\*\*\*\*810 | Indicates transaction contains billing information from current customer bill. |
| DTM\*003\*20041227 | Indicates the date bill was rendered |
| DTM\*814\*20050120 | Indicates the bill due date |
| AMT\*BD\*325.75 | Indicates outstanding customer non-billing party balance |
| AMT\*PB\*200.75 | Indicates non-billing party charges appearing on bill for first time |
| AMT\*J8\*220.66 | Indicates outstanding customer billing party balance |
| AMT\*T4\*110.30 | Indicates billing party charges appearing on bill for first time |
| AMT\*QZ\*60.52 | Indicates total payments applied to all billing party accounts on bill |

## Example: 824 Rejection – Bill sent with no current supplier charges (PA)

|  |  |
| --- | --- |
| BGN\*00\*REJ810-2000820-21999\*19990820\*\*\*\*\*82 | Beginning Segment |
| N1\*8S\*LDC COMPANY\*1\*007909411 | LDC Name and DUNS information |
| PER\*IC\*LDC TECHNICAL CONTACT\*TE\*8005551212\*EM\*CONTACT@xx.COM | LDC Technical contact to resolve this particular issue |
| N1\*SJ\*ESP COMPANY\*9\*007909422ESP1 | ESP Name and DUNS information |
| N1\*8R\*CUSTOMER NAME | Customer Name |
| REF\*11\*2348400586 | ESP Account Number |
| REF\*12\*293839200 | LDC Account Number |
| REF\*45\*813483000 | LDC Old Account Number |
| OTI\*IR\*TN\*12948320580-32033\*\*\*\*\*\*\*810 | Indicates an Item Reject and indicates the transaction reference number from the original 867. Also indicates an 810 is transaction that is missing. |
| DTM\*003\*20000820 | Indicates the date bill was rendered |
| TED\*848\*NCC | Indicates that the bill was issued with no current supplier charges. |
| NTE\*ADD\*NO CURRENT SUPPLIER CHARGES ON BILL |  |

## Example: 824 Rejection – Bill sent with no supplier charges (PSE&G)

|  |  |
| --- | --- |
| BGN\*00\*REJ810-2000820-21999\*19990820\*\*\*\*\*82 | Beginning Segment |
| N1\*8S\*LDC COMPANY\*1\*007909411 | LDC Name and DUNS information |
| N1\*SJ\*ESP COMPANY\*9\*007909422ESP1 | ESP Name and DUNS information |
| N1\*8R\*CUSTOMER NAME | Customer Name |
| REF\*11\*2348400586 | ESP Account Number |
| REF\*12\*293839200 | LDC Account Number |
| OTI\*TP\*TN\*MISSED BILLING WINDOW\*\*\*\*\*\*\*810 | Indicates a Transaction Set and an 810 transaction is missing. |
| TED\*848\*OBW | Indicates that the bill was issued with no supplier charges. |
| NTE\*ADD\* MISSED BILLING WINDOW |  |

## Example: 824 Delmarva NJ Proactive 824 when customer bill is issued (Not used as of 1/2006)

|  |  |
| --- | --- |
| BGN\*11\*ACC810-19991227-001\*19991227\*\*\*\*\*CF | Beginning Segment - Contains transaction reference number and system date. Indicates Confirm – non-billing party’s charges will appear on the customer’s bill. |
| N1\*8S\*LDC COMPANY\*1\*007909411 | LDC Name and DUNS information |
| N1\*SJ\*ESP COMPANY\*9\*007909422ESP1 | ESP Name and DUNS information |
| N1\*8R\*CUSTOMER NAME | Customer Name |
| REF\*11\*2348400586 | ESP Account Number |
| REF\*12\*123456799992 | LDC Account Number |
| OTI\*TA\*TN\*PROACTIVE 824\*\*\*\*\*\*\*810 | Indicates transaction contains billing information from current customer bill. |
| DTM\*003\*20041227 | Indicates the date bill was rendered |
| DTM\*814\*20050120 | Indicates the bill due date |
| AMT\*BD\*325.75 | Indicates outstanding customer non-billing party balance |
| AMT\*PB\*200.75 | Indicates non-billing party charges appearing on bill for first time |

## Example: 824 Rejection of a Bill Ready 810 Transaction for a Renewable Energy Provider

This example only shows the first few segments to show N1\*G7 segment used by Renewable Energy Provider. Remaining segments would be identical to those used for an ESP rejection.

|  |  |
| --- | --- |
| BGN\*11\*REJ810-199907110719-999\*19990711\*\*\*\*\*EV | Beginning Segment - Contains transaction reference number and system date. Indicates Evaluate – receiver of transaction must evaluate error, but should NOT re-send the transaction. |
| N1\*8S\*LDC COMPANY\*1\*007909411 | LDC Name and DUNS information |
| PER\*IC\*LDC TECHNICAL [CONTACT\*TE\*8005551212\*EM\*CONTACT@COMPANY.COM](mailto:CONTACT*TE*8005551212*EM*CONTACT@COMPANY.COM) | LDC Technical contact to resolve this particular issue |
| N1\*G7\*RENEWABLE COMPANY\*9\*007909422GPM1 | Renewable Energy Provider Name and DUNS information |
| N1\*8R\*CUSTOMER NAME | Customer Name |
| REF\*11\*2348400586 | Renewable Energy Provider Account Number |
| REF\*12\*293839200 | LDC Account Number |
| ……. |  |