Pennsylvania
New Jersey
Delaware
Maryland

Implementation Guideline

For

Electronic Data Interchange

TRANSACTION SET

824

Application Advice
Ver/Rel 004010

Table of Contents

	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)
April 30, 2024 Version 6.5	• Incorporate MD Change Control 074v3 (SCB Changes) • Incorporate MD Change Control 084 (Clarify OTI03 for SCB Disputes)
March 15, 2025 Version 6.6	• Incorporate MD Change Control 093 (Add ABN to TED02 for 248)

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**
   a. 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.

   b. 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.

   c. 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.

2. **For Rate Ready Billing, non-billing party may reject bad 810**
   a. 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.

   b. 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.

3. **For Bill Ready Consolidated Billing, billing party may reject bad 810**
   a. 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.

   b. If non-billing party resends 810 and misses billing window, they will receive another 824 stating the 810 was outside the billing window.

   c. MD SCB: If the bill window is missed the Supplier may reject the Utility 810 Invoice. The Utility will then cancel the 810 Invoice and resubmit their charges on a new 810 invoice with a

new payment due date.   This is important for aging of arrears in the event the customer is returned to the Utility and the Utility is asked to purchase the outstanding receivable for the Utility charges

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

4. **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.

5. **Non billing party may reject bad 248**
   820 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.

6. **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.

7. **Non metering party may reject bad 867HU**
   a. 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.

8. **Bill Ready Billing Party may acknowledge non-billing party charges appeared on bill**
   a. 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)

9. **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 <u>each</u> 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.
- ♦ MD SCB Use: 810 Invoices may be rejected by the Supplier for a number of reasons. An 824 will only be sent to the Utility in the event that the 810 Invoice is rejected. The Supplier "May" reject a Utility 810 invoice if it is received outside of the bill window (OBW). If the Supplier rejects the 810 invoice for OBW the Utility will send an 810 cancel transaction and resubmit a new 810 Invoice with a new Supplier payment due date.
- ♦ 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.

  ♦ Not Used for MD SCB.

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.

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:

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.

NJ Clean Power Choice

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.

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 can also be used as:
    - Proactive 824 to confirm balance and payment information

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How to Use the Implementation Guideline

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

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

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

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

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

One or more examples.

Data Element Summary

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

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

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

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

M = Mandatory, O= Optional, X = Conditional

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

1/30 = Minimum 1, Maximum 30

824 Application Advice
X12 Structure

Functional Group ID=**AG**

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
			LOOP ID – N1			>1	
	030	N1	Name	O	1		
	070	REF	Reference Identification	O	12		
	080	PER	Administrative Communications Contact	O	3		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and 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	OTI01		X(2)

		accepted (OTI01=TA) • Item is rejected (OTI01=IR)			
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 Responded to	OTI10		X(3)
17	Cross Reference Number	Cross Reference Number from the 810 and 820 transaction.	REF02	OTI: REF01 = **6O**	X(30)
17.5	Original Invoice Number	MD SCB: Invoice Reference Number for the 248 Write-off transaction.	REF02	OTI: REF01 = **OI**	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:	Required
MD Use:	Required
Example:	ST*824*000000001

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			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:	Required
MD Use:	Required
Example:	BGN*11*199907111230001*19990711*****82

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BGN01	353	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

00	Original	
	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	

	Ref. Des.	Data Element	Name	Attributes
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.

	Ref. Des.	Data Element	Name	Attributes
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.

	Ref. Des.	Data Element	Name	Attributes
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:	Required
MD Use:	Required
Example:	N1*8S*LDC COMPANY*1*007909411

Data Element Summary

	Ref. Des.	Data Element	Name	X12	Attributes
Must Use	N101	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			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:	Same as PA
MD Use:	Same as PA
Example:	PER*IC*TECHNICAL CONTACT*TE*8005551212*EM*CONTACT@COMPANY.COM

Data Element Summary

	Ref. Des.	Data 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:	Required
MD Use:	Required
Example:	N1*SJ*ESP COMPANY*9*007909422ESP1

Data Element Summary

	Ref. Des.	Data Element	Name		X12 Attributes	
Must Use	N101	98	**Entity Identifier Code**		M	ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

SJ	Service Provider	
	ESP	

	Ref. Des.	Data Element	Name		X12 Attributes	
Must Use	N102	93	**Name**		X	AN 1/60

Free-form name
ESP Company Name

	Ref. Des.	Data Element	Name		X12 Attributes	
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

	Ref. Des.	Data Element	Name		X12 Attributes	
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

<table>
<tr><td>Segment:</td><td>PER Administrative Communications Contact</td></tr>
<tr><td>Position:</td><td>080</td></tr>
<tr><td>Loop:</td><td>N1</td></tr>
<tr><td>Level:</td><td>Heading</td></tr>
<tr><td>Usage:</td><td>Optional</td></tr>
<tr><td>Max Use:</td><td>3</td></tr>
<tr><td>Purpose:</td><td>To identify a person or office to whom administrative communications should be directed</td></tr>
<tr><td>Syntax Notes:</td><td>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.</td></tr>
<tr><td>Semantic Notes:</td><td></td></tr>
<tr><td>Comments:</td><td></td></tr>
<tr><td>PA Use:</td><td>Optional ESP to LDC for ESP technical contact to resolve this particular issue.</td></tr>
<tr><td>NJ Use:</td><td>Same as PA</td></tr>
<tr><td>DE Use:</td><td>Same as PA</td></tr>
<tr><td>MD Use:</td><td>Same as PA</td></tr>
<tr><td>Example:</td><td>PER*IC*TECHNICAL CONTACT*TE*8005551212*EM*CONTACT@COMPANY.COM</td></tr>
</table>

Data Element Summary

	Ref. Des.	Data 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. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			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:	Same as PA
MD Use:	Same as PA
Example:	N1*8R*CUSTOMER NAME

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	**N101**	**98**	**Entity Identifier Code**	**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. Des.	Data 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.

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	REF02	127	Reference Identification	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

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:	Same as PA	
MD Use:	Same as PA	
Example:	REF*12*2931839200	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	REF01	128	**Reference Identification Qualifier**	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:	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. Des.	Data 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:	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. Des.	Data 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.
- MD SCB dispute initiation and dispute resolution will each reference the 810 BIG02 value to identify the Utility Invoice that is the object of the dispute.

| 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). MD SCB Use - identification of the Utility Invoice that was disputed and resolved.
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:	Same as NJ	
MD Use:	Same as NJ	
Example:	REF*6O*CR19990101XXX001 (Note the code contains the letter O).	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	REF01	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification
    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:	**REF** Reference Identification (OI=Original Invoice Number)
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.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	

PA Use:	Not Used
NJ Use:	Not Used
DE Use:	Not Used
MD Use:	Conditional – required for MD SCB on a Write-off transaction to identify the Invoice associated with the unpaid Utility charge balance.
Example:	REF*OI*123456789019990102

Data Element Summary

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

Code qualifying the Reference Identification

    OI   Original Invoice Number

                            This field was originally sent in the BIG02 field on the 810 Invoice.

	Ref. Des.	Data Element	Name		Attributes	
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

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:	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. Des.	Data 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:	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. Des.	Data 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:	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. Des.	Data 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:	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. Des.	Data 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:	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. Des.	Data 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:	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. Des.	Data 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:	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. Des.	Data 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:	Required
MD Use:	Required if transaction sent was rejected Not used when "confirming" Bill Ready 810.
Example:	TED*848*A76

Data Element Summary

	Ref. Des.	Data 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	
A84	Invalid Relationship	
	MD SCB Only: 248 - Supplier is not the supplier of record	
ABN	Duplicate Request Received	
	MD SCB Only: 248 Buyback duplicate request	
ADM	Amount Does Not Match	
	MD SCB Only: 248 - The amount of the write-off does not match the amount of the corresponding Invoice.	
ANE	Account Not Eligible	
	MD SCB Only: Used to indicate that a 248 Write-Off was requested but the account is still active and it has not been final billed. Supplier should confirm the date that the SCB relationship has ended and that the supplier has received the 867 and 810 transactions for the final SCB billing period. Also confirm the 15-calendar day waiting period from the receipt date of final 810 has passed.	
API	Required Information Missing	
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.	
	MD SCB Use: to identify that the Utility has Initiated and/or resolved a dispute of Utility charges. Also used as an error rejection code sent by the Utility to reject a 248 Write-Off request if there is an active unresolved dispute of the related Utility charges.	
DIV	Invalid or missing date	
DWO	Dispute of Write-Off	
	MD SCB Only: 248 - Write-off rejected due to existing dispute of utility charges. Used to indicate LDC is rejecting an EDI 248 write-off transaction from an ESP as a result of an outstanding customer dispute of LDC charges.	
IIN	Invalid Invoice Number.	
	MD SCB Only: 248 - Invalid Invoice (BIG02) on REF*OI.	
SUM	Sum of Details does not equal total	
	MD SCB Only: 820 - Sum of RMR04 details does not equal BPR02	
TPN	Total Payment Negative (BPR02)	
	MD SCB Only: 820 - Sum of RMR04 details does not equal BPR02	
UNE	Utility Duns Number is Invalid	
	MD SCB Only	
UND	Supplier Duns number is Invalid	
	MD SCB Only	
WOE	Write-Off expired	
	MD SCB Only: 248 related invoice is too old	

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
	MD SCB: Supplier is not the SCB Supplier of Record for the Billing period reflected in the 810.
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.
	MD SCB: 810 was rejected by the Supplier as it was received after the Supplier final Billed the customer for SCB bill option. Utility will need to bill Customer directly or Cancel /Rebill the billing period to reopen the bill window.
API	Required Information Missing
BRC	Number of SAC segments exceeds allowable maximum
	Used in PA by PECO and MD SCB.
	MD SCB: If the Utility 810 invoice exceeds 50 SAC charges, Supplier may notify the Utility the limit has been exceed and may result in bill formatting issues or bill processing delays.
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.
	MD SCB: 810 was received by the Supplier for a customer that is listed as a UCB or 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. MD SCB: Supplier may reject 810 if received outside of bill window. Rejected 810 invoice will be cancelled by Utility and resubmitted as a new 810 with a new payment due date.
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 received
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:	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. Des.	Data Element	Name	Attributes	
Must Use	NTE01	363	**Note Reference Code** Code identifying the functional area or purpose for which the note applies ADD Additional Information	O	ID 3/3
Must Use	NTE02	352	**Description** A free-form description to clarify the related data elements and their content Rejection Reason Text	M	AN 1/80

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:	Required
MD Use:	Required
Example:	SE*28*000000001

Data Element Summary

	Ref. Des.	Data 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	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	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	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	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	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
…….	

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Example: MD SCB: 824 Accept of 248 Write-Off for Invoice with outstanding unpaid Utility charges.

Note: If there are multiple Invoices involved with the unpaid utility charges for an account, a separate 248 Write-Off transaction will need to be sent for each invoice.

BGN*11*ACP248-20230701-001*20230701*****CF	Beginning Segment - Contains transaction reference number and system date. Indicates CF for confirmation that the 248 Write-Off transaction has been accepted by the Utility.
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*ORIGTRANID000001*******248	Indicates a Transaction Set and the transaction ID (BHT03), of the 248 write-Off transaction.
REF*OI*OI20230531001	Original Invoice Number for the corresponding utility charges being written -Off.

Example: MD SCB: 824 Rejection of 248 Write-Off for Invoice with outstanding unpaid Utility charges.

Note: If there are multiple Invoices involved with the unpaid utility charges for an account, a separate 248 Write-Off transaction will need to be sent for each invoice.   Each 248 transaction will be accepted or rejected by the Utility with a corresponding error Return code when appropriate.

BGN*11*REJ820-199907110719-001*19990711*****EV	Beginning Segment - Contains transaction reference number and system date. Evaluate indicates that the 248 Write-Off transaction has been rejected by the Utility due to the corresponding error return code provided.
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	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*ORIGTRANID000001*******248	Indicates a Transaction Set and the transaction ID (BHT03), of the 248 write-Off transaction.
REF*OI*INV19990101XXX001	Original Invoice Number for the corresponding utility charges being written off.
TED*848*ADM	Indicates that the account of the Write-Off transaction does not match the corresponding unpaid Invoice amount.
NTE*ADD* The amount of the write-off does not match the corresponding Invoice amount.	Gives further description of error

Example: MD SCB: 824 initiating a dispute of Utility charges.
Note: If there are multiple Invoices involved with the disputed utility charges for an account, a separate 824 dispute transaction will need to be sent for each invoice.

BGN*00*DISINV-20230701-001*20230701*****EV	Beginning Segment - Contains transaction reference number and system date. Evaluate indicates the disputed Utility 810 charges are under evaluation by the Utility. The utility will send an 824 transaction with a DIS error rejection code for each utility 810 invoice that has been disputed.
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	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*ORIGTRANID000001*******810	Indicates a Transaction Set and the transaction ID (BIG02) of the 810 Invoice being disputed.
DTM*196*20220701	Start Date of the dispute evaluation
TED*848*DIS	Indicates that the identified utility 810 invoice charges are being disputed and are under investigation by the Utility.
NTE*ADD* Utility 810 invoice charges are being disputed.	Gives further description of error

Example: MD SCB: 824 resolving a dispute of Utility charges.
Note: If there are multiple Invoices involved with the disputed utility charges for an account, a separate 824 dispute transaction will need to be sent for each invoice.

BGN*11*DISINV-20230701-001*20230703*****CF	Beginning Segment - Contains transaction reference number and system date. Indicates Confirmation - The disputed Utility 810 charges have been resolved and are no longer under dispute. The utility will send an 824 transaction with a DIS resolution for each utility 810 invoice that has been disputed and resolved.
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*ORIGTRANNUMB000001*******810	The OTI03 Indicates the transaction ID (BIG02) of the 810 Invoice being disputed. The OIT10 Indicates a Transaction Set 810 transaction initiating the dispute of Utility Invoice charges.
DTM*197*20230703	End date of dispute evaluation.
TED*848*DIS	Indicates that the identified utility 810 invoice charges that were under dispute have been resolved.
NTE*ADD* Utility 810 invoice disputed charges have been resolved.	Gives further description of error