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

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.

   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 listserver 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.

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.

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.

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Delaware Notes

Delaware Use:

- This transaction is optional when the market opens.
- At the current time, Delmarva plans to implement when the market opens, but only for a limited scope. Delmarva plans to only use the 824 Rejection to respond to Bill Ready 810 documents that are sent and are in error or have missed the billing window.
- The DE Use for Delmarva section within this document will reflect the ultimate use of the 824.
- Ultimately, Delaware Delmarva plans to also use the 824 Acceptance to notify the non-billing party whether supplier charges printed on the bill or not.
- Note 1/2006: Delmarva is using this transaction for all reasons stated within New Jersey that Atlantic City Electric uses.

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

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

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 accepted (OTI01=TA)	OTI01		X(2)

		• 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 15esponded 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. Des.	Data Element	Name	Attributes	
Must Use	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 824 Application Advice	**M**	**ID 3/3**
Must Use	**ST02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN 4/9**

Segment: **BGN** **Beginning Segment**
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes:
1 If BGN05 is present, then BGN04 is required.
Semantic Notes:
1 BGN02 is the transaction set reference number.
2 BGN03 is the transaction set date.
3 BGN04 is the transaction set time.
4 BGN05 is the transaction set time qualifier.
5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:

PA Use:	Required
NJ Use:	Required
DE Use for Delmarva:	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** 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	**M ID 2/2**
Must Use	**BGN02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier A unique transaction identification number, assigned by the originator of this transaction. This number must be unique over time.	**M AN 1/30**
Must Use	**BGN03**	**373**	**Date** Date expressed as CCYYMMDD The transaction creation date – the date that the data was processed by the sender's application system.	**M DT 8/8**
Must Use	**BGN08**	**306**	**Action Code** 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, and AP.	**O ID 1/2**

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. Des.	Data Element	Name	X12	Attributes
Must Use	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual 8S Consumer Service Provider (CSP) LDC	**M**	**ID 2/3**
Must Use	**N102**	**93**	**Name** Free-form name LDC Company Name	**X**	**AN 1/60**
Must Use	**N103**	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	**X**	**ID ½**
Must Use	**N104**	**67**	**Identification Code** Code identifying a party or other code LDC D-U-N-S Number or D-U-N-S + 4 Number	**X**	**AN 2/80**

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**PER01**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named IC Information Contact	**M**	**ID 2/2**
Optional	**PER02**	**93**	**Name** Free-form name	**O**	**AN 1/60**
Must Use	**PER03**	**365**	**Communication Number Qualifier** Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	**X**	**ID 2/2**
Must Use	**PER04**	**364**	**Communication Number** Complete communications number including country or area code when applicable	**X**	**AN 1/80**
Optional	**PER05**	**365**	**Communication Number Qualifier** Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	**X**	**ID 2/2**
Optional	**PER06**	**364**	**Communication Number** Complete communications number including country or area code when applicable	**X**	**AN 1/80**
Optional	**PER07**	**365**	**Communication Number Qualifier** Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	**X**	**ID 2/2**
Optional	**PER08**	**364**	**Communication Number** Complete communications number including country or area code when applicable	**X**	**AN 1/80**

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. 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		
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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**PER01**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named IC Information Contact	**M**	**ID 2/2**
Optional	**PER02**	**93**	**Name** Free-form name	**O**	**AN 1/60**
Must Use	**PER03**	**365**	**Communication Number Qualifier** Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	**X**	**ID 2/2**
Must Use	**PER04**	**364**	**Communication Number** Complete communications number including country or area code when applicable	**X**	**AN 1/80**
Optional	**PER05**	**365**	**Communication Number Qualifier** Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	**X**	**ID 2/2**
Optional	**PER06**	**364**	**Communication Number** Complete communications number including country or area code when applicable	**X**	**AN 1/80**
Optional	**PER07**	**365**	**Communication Number Qualifier** Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	**X**	**ID 2/2**
Optional	**PER08**	**364**	**Communication Number** Complete communications number including country or area code when applicable	**X**	**AN 1/80**

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** Code identifying an organizational entity, a physical location, property or an individual G7 Entity Providing the Service Renewable Energy Provider	**M**	**ID 2/3**
Must Use	**N102**	**93**	**Name** Free-form name Renewable Energy Provider Company Name	**X**	**AN 1/60**
Must Use	**N103**	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	**X**	**ID 1/2**
Must Use	**N104**	**67**	**Identification Code** Code identifying a party or other code Renewable Energy Provider D-U-N-S Number or D-U-N-S + 4 Number	**X**	**AN 2/20**

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. Des.	Data Element	Name	X12 Attributes	
Must Use	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual 8R Consumer Service Provider (CSP) Customer Used to identify the customer associated with the LDC service account	**M**	**ID 2/3**
Must Use	**N102**	**93**	**Name** Free-form name Customer Name as it appears on the customer's bill	**X**	**AN 1/60**

Segment:	**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:	Not used on the 568 or 820 when rejecting the entire transaction. Otherwise, conditional (See **) ****Note**: In New Jersey, Atlantic City Electric, JCP&L and PSE&G will store ESP account number and will be required to send it in response if it was provided on the request. Rockland Electric will not be storing ESP account number, and will never send it on a response transaction. Atlantic City Electric will only be storing 20 characters.
DE use for Delmarva:	Delmarva will store ESP account number and will be required to send it if it was previously provided to the LDC. Delmarva will only be storing 20 characters.
MD Use:	Same as PA **Note:** Delmarva will store ESP account number, but will only store 20 characters.
Example:	REF*11*2348400586

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 11 Account Number ESP-assigned account number for end use customer.	**M**	**ID 2/3**
Must Use	**REF02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**

Segment:	**REF Reference Identification (12=LDC Account Number)**
Position:	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 **Note:** RECO only uses REF03 value of "U" for unmetered usage. Separate requests must be made. No other EDC uses REF03.
DE Use for Delmarva:	Same as PA
MD Use:	Same as PA
Example:	REF*12*2931839200

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 12 Billing Account LDC-assigned account number for end use customer.	**M**	**ID 2/3**
Must Use	**REF02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
Optional	**REF03**	**352**	**Description** A free-form description to clarify the related data elements and their content U Unmetered	**X**	**AN 1/80**

Segment:	**REF** **Reference Identification (45=LDC Old Account Number)**
Position:	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. Des.	Data Element	Name	X12 Attributes
Must Use	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 45 Old Account Number LDC's previous account number for the end use customer.	**M ID 2/3**
Must Use	**REF02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X AN 1/30**

Segment:	**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. Des.	Data Element	Name	Attributes
Must Use	**OTI01**	**110**	**Application Acknowledgment Code** Code indicating the application system edit results of the business data	**M ID 1/2**
			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 AP. 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** Code qualifying the Reference Identification TN Transaction Reference Number	**M**	**ID 2/3**
Must Use	**OTI03**	**127**	**Reference Identification** 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.	**M**	**AN 1/30**
Must Use	**OTI10**	**143**	**Transaction Set Identifier Code** 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	**O**	**ID 3/3**

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. Des.	Data Element	Name	X12 Attributes	
Must Use	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 6O Cross Reference Number	**M**	**ID 2/3**
Must Use	**REF02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier This data element is populated from the following data elements of the original transaction: 810 – BIG05 820 – REF02 when REF01 = 6O	**X**	**AN 1/30**

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:	Not Used
DE Use for Delmarva:	Not Used
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.
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:	Not Used
DE Use for Delmarva:	Not Used
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
Example:	DTM*814*20000124

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time		**M**	**ID 3/3**
			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** Date expressed as CCYYMMDD		**X**	**DT 8/8**

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:	Not Used
DE Use for Delmarva:	Not Used
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.
Example:	AMT*BD*325.75

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	**AMT01**	**522**	**Amount Qualifier Code** Code to qualify amount		**M**	**ID 1/3**
			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** Monetary amount		**M**	**R 1/18**

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. 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 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. Des.	Data Element	Name		Attributes	
Must Use	**AMT01**	**522**	**Amount Qualifier Code** Code to qualify amount		**M**	**ID 1/3**
			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** Monetary amount		**M**	**R 1/18**

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

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. Des.	Data Element	Name		Attributes	
Must Use	**AMT01**	**522**	**Amount Qualifier Code** Code to qualify amount		**M**	**ID 1/3**
			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** Monetary amount		**M**	**R 1/18**

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. Des.	Data Element	Name	Attributes
Must Use	**TED01**	**647**	**Application Error Condition Code** Code indicating application error condition 848 Incorrect Data	**M ID 1/3**

Rules for Rejection Reason Codes

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

"A13" (Other) must **only** be used when an existing error code does not convey the reason correctly. Each time "A13" (Other) is used for a new purpose, an E-mail must be sent to the appropriate state's listserver by the party sending the code, to notify the market participants about the text explanation for A13. This information will be compiled and new codes will be issued on a periodic basis.

PA Listserver: edewg@ls.eei.org
NJ Listserver: njbpu@ls.eei.org
MD: PUC Staff - pev@psc.state.md.us
DE: not determined

Rejection Reason Codes in Response to a 248, 568 & 820

Must Use	**TED02**	**3**	**Free Form Message** Free-form text	**O**	**AN 1/60**

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 only) to indicate PECO 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** Free-form text	**O**	**AN 1/60**

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.
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. 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 for Delmarva:	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** Total number of segments included in a transaction set including ST and SE segments	**M**	**N0 1/10**
Must Use	**SE02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN 4/9**

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
…….	