

ATTACHMENT 13

New York Implementation Standard

For

Standard Electronic Transactions

TRANSACTION SET

824

Application Advice
Ver/Rel 004010

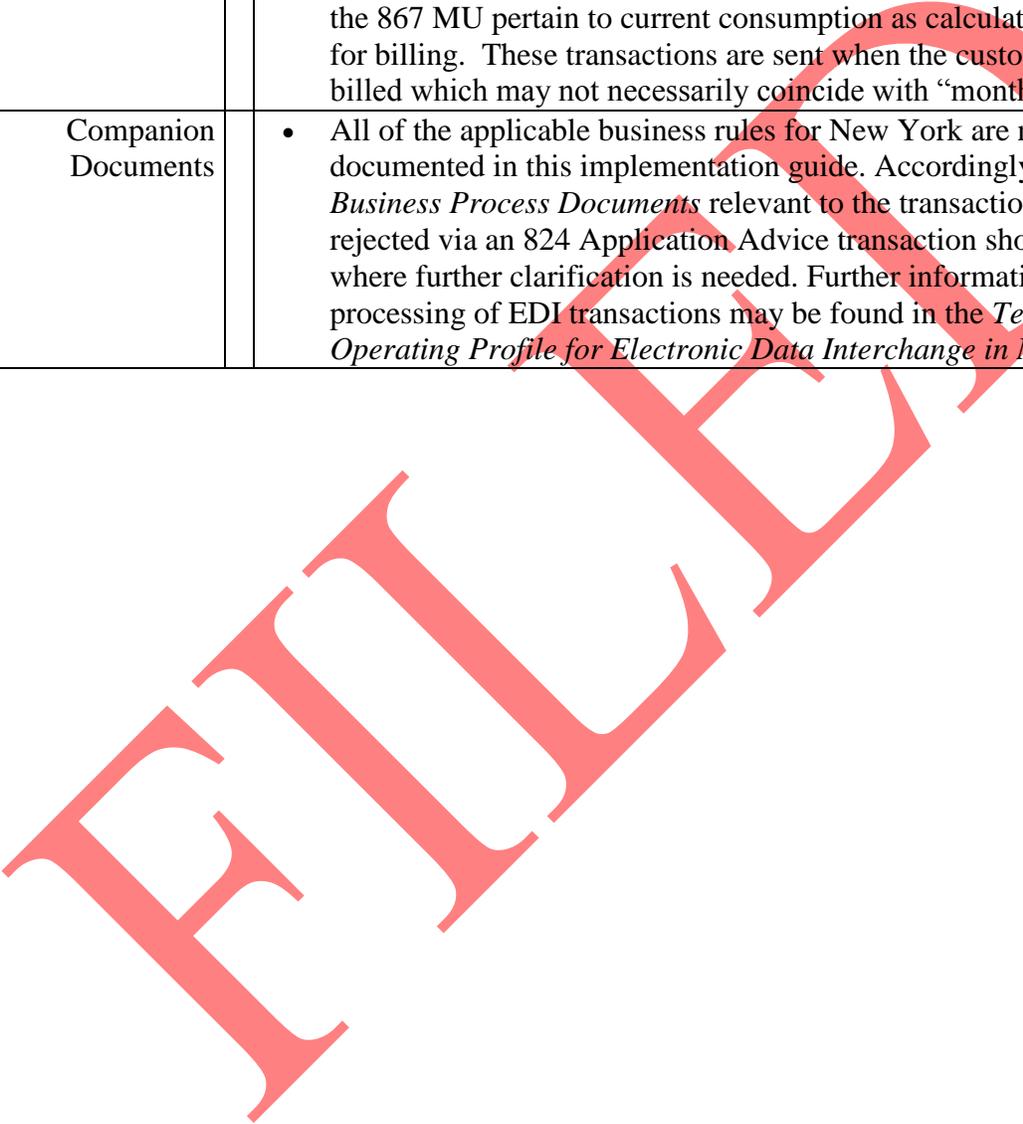
	Summary of Changes
July 20, 2001 Version 1.0	Initial Release
July 30, 2002	Version 1.1 Issued
	Purpose revised to permit an 824 Application Advice transaction to be used to reject 248, 568, 810 and 820 transactions, in addition to 867 transactions.
	Added BGN08 to communicate to the recipient the action they are expected to take regarding the transaction that has been rejected.
	Modified the usage attribute for the N1*8R segment (Customer) from Required to Conditional. This N1 loop is not required when the 824 transaction is used to reject an 810 Summary Invoice (Single Retailer), or an entire 820 or 568 transaction.
	Modified the usage attribute for the REF*12 segment (Utility Account Number) from Required to Conditional.
	Added REF*45 segment (Previous Utility Account Number).
	Added a REF*AJ segment (Utility Assigned Account Number for ESCO) to the N1 Loop for ESCO (N1=SJ) because this is a required segment in an 810 ESCO Summary Invoice in the Single Retailer model.
	Modified the OTI segment to reflect the revised purpose for an 824 transaction as follows: <ul style="list-style-type: none"> - Added code "TP" (Transaction Set Partial Accept/Reject) to OTI01. Modified note for code "TR" (Transaction Set Reject); - Modified the note for code "TN" (Transaction Reference Number) in OTI02 to expand the definition of reference number; - Added codes to the OTI10 element to list additional transactions.
	Modified the loop repeat on the OTI Loop from >1 to 1. An 824 transaction may be used to reject a single 248, 810 or 867 transaction which contains data for a single account. Although the 824 may also be used to reject a 248 or 820 transaction which may contain multiple accounts, a separate 824 transaction must be sent for each transaction being rejected. Accordingly, the 824 transaction should contain only a single occurrence of the OTI loop.
	Added REF*6O (Cross-Reference Number) in OTI loop.
	Added the following codes to the list of applicable error codes that may be sent in TED02: A84, A91, ABN, API, CRI, DIV, FRF, FRG, I76, OBW, SUM, TCN and TXI.
	Deleted the original "Field Descriptions" page and replaced it with an updated version.
	Revised the note for code "A76" sent in TED02 to indicate this code may not be used to reject an 810 ESCO Summary Invoice (Single Retailer).
	Revised the note for code "API" sent in TED02 to indicate that this code should be used to reject an 810 ESCO Summary Invoice that contains an invalid account number for the ESCO.
	Added a REF*PW (Prior Purchase Order Number) to return the Purchase Order Number sent in an 810 Invoice (Single Retailer only) when that Invoice is being rejected.
	Deleted text in the Front Matter Notes on 'Rejection' pertaining to instances in which an ESCO should not reject an 867 on an inactive account.
	Modified the 'Timeliness' Criterion in the Front Matter Notes to apply to all transactions which may be rejected.
	Expanded the scope of the 'Companion' documents referenced in the Front Matter Notes
	Deleted Front Matter Notes on '867 transactions on closed accounts'.

	Summary of Changes - continued
October 25, 2002	Version 1.2 Issued
	Added a new note to the Front Matter to clarify the use of action codes sent in the BGN08 element when the reason for rejecting an 810 Invoice is “OBW” (Outside Bill Window).
May 17, 2006	Version 1.3 Issued
	The Purpose section of the Front Matter Notes is revised to indicate that there are two 568-type transaction standards in New York.
	The Front Matter Notes on 'Rejection at the Account or Transaction Level' are revised to indicate that a separate 824 Application Advice is required for each 568 Accounts Receivable transaction but an 824 may be used to reject either an entire 568 Payment Advice or data for an individual account contained in a 568 Payment Advice transaction.
	The Transaction Set Notes are revised to separately list the 568 Payment Advise and 568 Accounts Receivable Advise Transaction Set Standards.
	The dates in the sample segments for the BGN and OTI segments are revised to reflect 2006 dates. Date information in the Implementation Guide examples is also revised to reflect 2006 dates.
	The notes for code 'TP' in the 01 element of the OTI segment is revised to indicate that this code may be used for rejecting information at the account level in a 568 Payment Advice transaction. The notes for the 03 element in the OTI segment are revised to separately list the 568 Payment and 568 Accounts Receivable Advise transactions.
	The notes for code 'A76' in the 02 element of the TED segment are revised to indicate that this code may only be used to reject information at the account level in a 568 Payment Advice transaction.
	The REF*PW (Purchase Order Number) segment notes are revised to remove references to RG&Es use of the Single Retailer Model.
July 24, 2015	Version 1.4 Issued
	<ul style="list-style-type: none"> • Replaced references to Marketer and E/M with ESCO • Utility specific notes are generalized, as appropriate, and designated for relocation to/reference within Utility Maintained EDI Guides, as necessary. • Updated references to the Purchase of Receivables model
June 30, 2016	Version 1.5 Issued
	<ul style="list-style-type: none"> • Update to conditionality of REF Reference Identification (Previous Utility Customer Account Number) segment.

	Notes pertaining to the use of this document
Purpose	<ul style="list-style-type: none"> • An 824 Application Advice is sent to communicate a negative response or error situation to the initiator of a transaction when an EDI transaction, other than an 814, cannot be processed by the recipients system. • In New York, an 824 Application Advice transaction may be used to reject the following EDI transactions: 248 (Account Assignment), 568 (Contract Management Report), 810 (Invoice), 820 (Payment Order/Remittance Advice), 867 HU (Consumption History/Gas Profile) or an 867 MU (Monthly Usage). • In New York there are separate implementation guides for the 568 standard governing communication of payment information in the Purchase of Receivables (POR) With Recourse Model (568 Payment Advisement) and the 568 standard governing communication of adjustments to customer accounts receivable (568 Accounts Receivable Advisement). • An 824 Positive Notification transaction is used following receipt of an 810 Invoice to confirm acceptance of the Invoice transaction and to report bill details from the consolidated bill issued to the customer. Instructions for the Positive Notification are contained in a separate Implementation Guide.
Cross referencing transactions	<ul style="list-style-type: none"> • The reference number from the transaction that is being rejected must be provided in the OTI segment of this transaction.
Rejection at the Account or Transaction Level	<ul style="list-style-type: none"> • A separate 824 transaction is required when a transaction is being rejected at the individual account level (Utility Account Number or Utility Assigned Account Number for ESCO). The 248, 810, 568 Accounts Receivable Advisement and 867 transactions contain data for a single account (one-to-one relationship) and therefore a separate 824 transaction is required for each transaction of this type that is being rejected. • A 568 Payment Advisement or 820 Remittance transaction may contain data for multiple accounts (one-to-many relationship). When an 824 is used to communicate rejection of data for an individual account contained within a 568 PA or 820 transaction, a separate 824 transaction is sent for each account being rejected. In these instances, the OTI segment must indicate that a partial rejection is being communicated (OTI01=TP). • An 824 transaction may also be used to reject an entire 568 PA or 820 transaction. When an entire 568 or 820 transaction is being rejected, the OTI segment must communicate that this is a transaction set reject (OTI01=TR).
Timeliness	<ul style="list-style-type: none"> • The 824 rejection should be returned within 1 business day of receipt of the original transaction being rejected.

<p>Action Codes</p>	<ul style="list-style-type: none"> • An action code is sent in the BGN segment to indicate to the receiver what action to take. Transactions will be resent or not based on the type of transaction, the relationship between the trading partners and the specific errors which created the need to send a rejection notice. The complexity of this transaction makes it difficult to articulate a standard approach with respect to when, or if, some information contained in the transaction that was rejected will be processed by the recipient anyway even though a rejection notice is being sent. The transactions that may be rejected via an 824 Application Advice transaction are all related to billing activities and the actions an individual recipient is expected to take regarding the data in a transaction that was rejected but will not be resent (BGN08=EV) should be documented in the Billing Services Agreement executed between the parties • When BGN08=82, the receiver is expected to correct the problem and re-send the underlying transaction. In these instances, the corrected transaction should be sent in 5 business days or less. • When BGN08=EV, the receiver is expected to evaluate the problem and make any necessary modifications to their system but the underlying transaction should not be resent. • Technical Error Description Code ‘OBW’ (Outside Bill Window) will be used to reject an 810 Invoice when the non-billing party billing information is not presented on the current bill because it was not received on time. The BGN08 element will be used to indicate the action the non-billing party is expected to take as follows: <ul style="list-style-type: none"> ➢ Code ‘EV’ will be used to indicate that the billing party will hold the billing information until the next bill window; the data should not be resent. ➢ Code ‘82’ will be used to indicate that the non-billing party must resubmit the billing data during the next billing cycle for that customer.
<p>Rejection Reasons</p>	<ul style="list-style-type: none"> • Rejections reasons are communicated by error codes sent in the TED segment and additional text to clarify the reason for rejection may be sent in an NTE segment. When the rejection reason is “A13” (Other), an NTE segment is required. Rejection Reason “A13” should be used only when use of other reject reasons would be misleading. A transaction rejected with reason code “A13” implies direct contact for manual follow-up is required unless the reason for the reject can be clearly determined from the originating transaction and information provided in the 824 Reject transaction. • The notes listed for each error code in the TED segment should be carefully reviewed since the use of some error codes is limited to the rejection of specific types of transactions.

<p>Definitions</p>	<ul style="list-style-type: none"> • The term Utility or LDC (Local Distribution Company) is used in this document to refer to the local gas or electric distribution company, i.e. the entity providing regulated bundled commodity service. The term ESCO is used in this document to refer to either a gas or electric supplier. The principal parties involved in this Transaction Set 814 implementation guide are: <ul style="list-style-type: none"> ➤ The end-use customer (Code 8R) ➤ The Utility (LDC) (Code 8S) ➤ The Supplier (ESCO) (Code SJ). • The term “monthly usage” or “monthly consumption” or references to the 867 MU pertain to current consumption as calculated by the Utility for billing. These transactions are sent when the customer is actually billed which may not necessarily coincide with “monthly” periods.
<p>Companion Documents</p>	<ul style="list-style-type: none"> • All of the applicable business rules for New York are not necessarily documented in this implementation guide. Accordingly, the applicable <i>Business Process Documents</i> relevant to the transactions that may be rejected via an 824 Application Advice transaction should be reviewed where further clarification is needed. Further information regarding the processing of EDI transactions may be found in the <i>Technical Operating Profile for Electronic Data Interchange in New York</i>.



Implementation Guideline Field Descriptions

Segment: **REF** Reference Identification (Utility Customer Account Number)
Position: 050
Loop:
Level: Heading
Usage: Optional (Must Use)
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 shows the X12 Rules for this segment but the Usage and Max Use fields will also reflect NY rules. For Usage, "Optional (Must Use)" means that this segment is Optional for X12, but is required in NY. "Optional (Dependent)" means Optional for X12, but use is conditional in NY. The grayboxes below should also be reviewed for additional NY Rules.

Notes: Required

This section displays the NY Rules for implementation of this segment.

Number assigned to the customer is used for present on all transactions.

This section displays the NY Rules for implementation of this segment.

REF~12~011231287654398

One or more examples.

Data Element Summary

	<u>Ref Des.</u>	<u>Data Element</u>	<u>Name</u>
Mand.	REF01	128	Reference Identification Qualifier
			12 Billing Account REF02 contains the Utility the customer.
Must Use	REF02	127	Reference Identification
			Utility assigned customer account number The utility account number must be supplied with non-alphanumeric characters. (Characters added on a bill, for example, should be removed)

These columns show the X12 attributes for each data element:

M = Mandatory
 O = Optional
 X = Conditional

AN = Alphanumeric
 N# = Implied Decimal
 ID = Identification
 R = Real
 DT = Date (CCYYMMDD)

1/30 = Minimum 1, Maximum 30

This column documents differences between X12 and NY use for each data element:

Mand. (Mandatory) – Required by X12
 Must Use – Required by NY
 Cond. (Conditional)
 Optional

824 Application Advice

Functional Group ID=**AG**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

Notes:

This Implementation Guide documents the content and format for a TS824 Application Advice. In New York, this Guide defines the structure for the transaction that can be used to reject the following transactions:

- 867 - HU Consumption History/Gas Profile
- 867 - MU Monthly Usage
- 810 - Billing Invoice
- 820 - Payment Order/Remittance Advice
- 248 - Account Assignment/Inquiry and Service/Status
- 568 - Contract Payment Management Report (Accounts Receivable Advisement)
- 568 - Contract Payment Management Report (Payment Advisement)

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
3	010	ST	Transaction Set Header	M	1		
4	020	BGN	Beginning Segment	M	1		
LOOP ID - N1							1
5	030	N1	Name (ESCO)	O	1		
6	070	REF	Reference Identification (Utility Account Number for ESCO)	O	1		
LOOP ID - N1							1
7	030	N1	Name (Utility)	O	1		
LOOP ID - N1							1
8	030	N1	Name (Customer)	O	1		
9	070	REF	Reference Identification (Utility Account Number)	O	1		
10	070	REF	Reference Identification (Previous Utility Account Number)	O	1		

Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - OTI							>1
11	010	OTI	Original Transaction Identification	M	1		n1
13	020	REF	Reference Identification (Cross Reference Number)	O	1		
14	020	REF	Reference Identification (Purchase Order Number)	O	1		

NY824 Application Advice

			LOOP ID - TED			>1
15	070	TED	Technical Error Description	O	1	
17	080	NTE	Note/Special Instruction	O	100	
18	090	SE	Transaction Set Trailer	M	1	
E - 1			Examples			

Transaction Set Notes

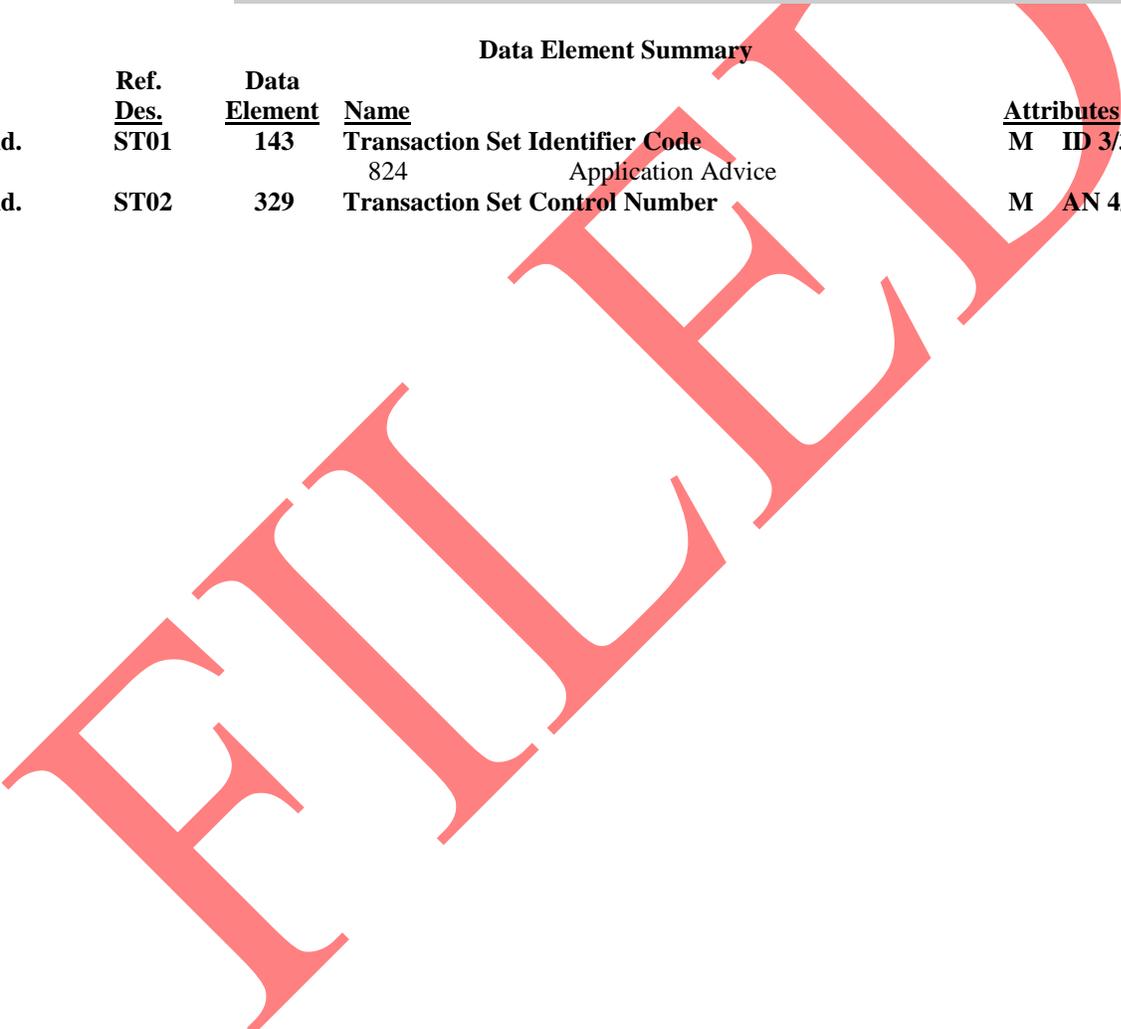
1. The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.

FILED

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Notes: Required
 ST~824~000000001

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Mand.	ST01	143	Transaction Set Identifier Code 824 Application Advice	M ID 3/3
Mand.	ST02	329	Transaction Set Control Number	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.

Notes: Required
 BGN~11~200611031353001~20061103~~~~EV

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	BGN01	353	Transaction Set Purpose Code 11 Response	M ID 2/2
Mand.	BGN02	127	Reference Identification A unique transaction identification number assigned by the originator of this transaction. This number should be unique over time.	M AN 1/30
Mand.	BGN03	373	Date The transaction creation date. This is the date that the data was processed by the sender's application system.	M DT 8/8
Must Use	BGN08	306	Action Code 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.	O ID 1/2

Segment: N1 Name (ESCO)
Position: 030
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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:
Notes:

Required
 N1~SJ~ESCONAME~1~123456789

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	N101	98	Entity Identifier Code SJ Service Provider Identifies name and address information as pertaining to a service provider for which billing is being rendered Identifies the ESCO participating in this transaction.	M ID 2/3
Optional	N102	93	Name Free Form ESCO Company Name Supplemental text information supplied, if desired, to provide "eyeball" identification of the ESCO. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.	X AN 1/60
Must Use	N103	66	Identification Code Qualifier 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 24 Employer's Identification Number Federal Tax ID	X ID 1/2
Must Use	N104	67	Identification Code The D-U-N-S number or the Federal Tax ID	X AN 2/80

Segment: **REF** Reference Identification (Utility Account Number for ESCO)
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Dependent)
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.
Notes: Conditional

This segment is used to communicate an account number assigned by the Utility to the ESCO. This segment must be sent when the 824 transaction is being used to reject an 810 ESCO Summary Invoice in the Single Retailer model and may be sent, with the mutual agreement of the trading partners, when the 824 is being used to reject other transactions.

REF~AJ~3134597

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier AJ Accounts Receivable Customer Account REF02 contains the Utility assigned account number for the ESCO	M ID 2/3
Must Use	REF02	127	Reference Identification Utility account number for the ESCO	X AN 1/30

Segment: N1 Name (Utility)
Position: 030
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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:
Notes:

Required
 N1~8S~UTILITYNAME~1~006994735

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Mand.	N101	98	Entity Identifier Code 8S Consumer Service Provider (CSP) Identifies the Utility participating in this transaction.	M ID 2/3
Optional	N102	93	Name Free Form Utility Company Name Supplemental text information that may be supplied to provide "eyeball" identification of the Utility. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.	X AN 1/60
Must Use	N103	66	Identification Code Qualifier 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 24 Employer's Identification Number Federal Tax ID	X ID 1/2
Must Use	N104	67	Identification Code The D-U-N-S number or the Federal Tax ID	X AN 2/80

Segment: **N1** Name (Customer)
Position: 030
Loop: N1 Optional (Dependent)
Level: Heading
Usage: Optional (Dependent)
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:
Notes: Conditional

The N1 (Customer) Loop must be sent in an 824 Application Advice transaction when it is used (1) to notify the other party of an error in an 820 or 568 transaction pertaining to an individual customer account or (2) to respond to either an 867 (Usage) or a 248 (Assignment) transaction, or (3) to respond to an 810 Invoice transaction other than an ESCO Summary Invoice (used only by Single Retailer).

When an N1 Loop is sent, an N1 segment is required.

N1~8R~MARY SMITH

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	N101	98	Entity Identifier Code 8R Consumer Service Provider (CSP) Customer Identify the end use customer targeted by this transaction.	M ID 2/3
Must Use	N102	93	Name Customer name or the literal "NAME". A customer's name may be provided, by mutual agreement of the trading partners, to provide "eyeball" identification of the customer involved in the transaction.	X AN 1/60

Segment: **REF** Reference Identification (Utility Account Number)
Position: 070
Loop: N1 Optional (Dependent)
Level: Heading
Usage: Optional (Dependent)
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.
Notes: Conditional

This segment is not used when an 824 is being sent to reject an entire 568 or 820 transaction OR when an 824 is being used to reject an 810 ESCO Summary Invoice (Single Retailer). This segment is required in all other instances.

REF~12~011231287654398

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 12 Billing Account REF02 is the Utility-assigned account number for the customer	M ID 2/3
Must Use	REF02	127	Reference Identification The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30

Segment: **REF** Reference Identification (Previous Utility Account Number)

Position: 070

Loop: N1 Optional (Dependent)

Level: Heading

Usage: Optional (Dependent)

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.

Notes: Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), this segment must be sent on Utility initiated transactions when the utility account number for the customer has changed in the last 90 days. It is not used when rejecting an 810 ESCO Summary Invoice (Single Retailer Model) or an entire 568 or 820 transaction.

REF~45~011231287655403

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 45 Old Account Number REF02 contains the utility's previous account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification Previous utility account number. Numbers must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30

Segment: **OTI** Original Transaction Identification

Position: 010
Loop: OTI Mandatory
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:** 1 If OTI09 is present, then OTI08 is required.
- Semantic Notes:**
- 1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.
 - 2 OTI06 is the group date.
 - 3 OTI07 is the group time.
 - 4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
 - 5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.
 - 6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.
 - 7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.
 - 8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.
 - 9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.
 - 10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.

Notes: Required

OTI~TR~TN~200610151400010~~~~~867
 OTI~TP~TN~200606251301001~~~~~820

Data Element Summary

Ref.	Data Element	Name	Attributes
Mand.	OTI01	110 Application Acknowledgment Code	M ID 1/2
		TP Transaction Set Partial Accept/Reject	Used only when an individual account sent in either an 820 or a 568 Payment Advice transaction is being rejected.
		TR Transaction Set Reject	Used to reject an entire transaction. Applicable for the 248, 568, 810, 820 and 867 transactions.
Mand.	OTI02	128 Reference Identification Qualifier	M ID 2/3
		TN Transaction Reference Number	Code indicating OTI03 contains the reference number from the original transaction being rejected.

Mand.	OTI03	127	Reference Identification	M AN 1/30
This is the reference number from the original transaction that is being rejected by this 824 advice. This element should be populated from the following data elements for the applicable transaction:				
248 - BHT03				
568PA - BGN02				
568AR - BGN02				
810 - BIG02				
820 - TRN02				
867 - BPT02				

Must Use	OTI10	143	Transaction Set Identifier Code	O ID 3/3
Indicates the type of transaction that is being rejected.				
248 Account Assignment/Inquiry and Service/Status				
568 Contract Payment Management Report				
810 Invoice				
820 Payment Order/Remittance Advice				
867 Product Transfer and Resale Report				

FILLED

Segment: **REF** Reference Identification (Cross Reference Number)
Position: 020
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Dependent)
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.
Notes: Conditional

This segment must be sent when the 824 is being used to reject an 810 Invoice transaction EXCEPT when the 810 Invoice is either an 810 EURC Calendar Month Estimate Invoice (Single Retailer) or an 810 ESCO Summary Invoice (Single Retailer).

REF~6O~2048392934504

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 6O Cross Reference Number REF02 contains the cross reference number from the BIG05 element in the 810 transaction being rejected.	M ID 2/3
Must Use	REF02	127	Reference Identification The Cross Reference number sent in BIG05 in the 810 transaction that is being rejected.	X AN 1/30

Segment: **REF** Reference Identification (Purchase Order Number)

Position: 020

Loop: OTI Mandatory

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.

Notes: Conditional

The Purchase Order Number may be sent in 810 Invoices in the Single Retailer model and should be returned in the 824 transaction rejecting an invoice transaction if the number was present in the 810 Invoice transaction. This number should be present in the following invoice transactions:

810 EURC Calendar Month Estimate Invoice
810 ESCO Summary Invoice

REF~PW~0023456789

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier PW Prior purchase order number REF02 contains the Purchase Order Number sent in the 810 Invoice being rejected.	M ID 2/3
Optional	REF02	127	Reference Identification This is the number sent in the BIG04 element of the 810 EURC Calendar Month Estimate Invoice or the 810 ESCO Summary Invoice.	X AN 1/30

Segment: **TED** Technical Error Description
Position: 070
Loop: TED Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:
Semantic Notes:
Notes: At least one TED segment loop is required.

TED~848~A13

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	TED01	647	Application Error Condition Code 848 Incorrect Data	M ID 1/3
Must Use	TED02	3	Free Form Message A13 Other (See Explanation in NTE*ADD) This code is applicable when the 824 is being used to reject a 248, 568, 810, 820 or 867 transaction but must be accompanied by text clarifying the reason for the rejection (sent in an NTE segment). A76 Utility Account Invalid or Not Found This code is applicable when the 824 is used to reject data sent at the individual account level in a 248, 810, or 867, 568 Payment Advice or 820. This code should not be used to reject an 810 ESCO Summary Invoice (Single Retailer). A84 Invalid Relationship Supplier is not supplier of record. For example, an 867 transaction is received for a customer account that is not active with the recipient; an 820 Remittance contains a payment for an account that is not active with the recipient, etc. This code may be used to reject an 810, 820, 248 or 867 transaction. A91 Account Does Not Have Service Requested The transaction received does not reflect the correct commodity type e.g. an 867 transaction contains gas consumption but the commodity indicated in the LIN was electric. This code may be used to reject a 248, 568, 810, 820 or 867 transaction. ABN Duplicate Received May be used to reject a 248, 568, 810, 820 or 867. API Required Information Missing May be used to reject a 248, 568, 810 or 820 transaction. This code must be used to reject an 810 ESCO Summary Invoice transaction when the account number required to be sent in a REJ*AJ segment is missing or invalid. CRI Cross Reference Number Invalid The cross reference number provided on an 810 does not match the cross reference number on an open 867. May only be used to reject an 810 Invoice.	O AN 1/60

DIV	Invalid or missing date May only be used to reject a 248, 568, 810 or 820 transaction.
FRF	Bill Type Mismatch ESCO and Utility do not have the same bill type and an 810 was received in error. BGN08 must equal EV when this code is sent. This code may not be used when rejecting an 810 Invoice in the Single Retailer model.
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 equal EV when this code is sent. This code may not be used when rejecting an 810 Invoice transaction in the Single Retailer model.
I76	Invoice Number Invalid or Missing May be used to reject a 248, 810 or 820 transaction.
OBW	Outside Bill Window Used to reject an 810 that was received outside of the billing window. The code sent in the BGN segment will indicate whether the recipient of the rejection notice is expected to resend the 810 Invoice (BGN08=82) or the Invoice should not be resent (BGN08=EV) because the billing party will hold the data for presentation on a subsequent consolidated bill. This code is only applicable to the Bill Ready model.
SUM	Sum of Details Does Not Equal Total May be used to reject a 248, 568, 810 or 820 transaction.
TCN	Total Charges Negative May be used to reject an 820 Remittance transaction when the amount in BPR02 is negative and the recipient has not agreed to accept negative remittance transactions.
TXI	Invalid TXI Information May be used to reject an 810 transaction.

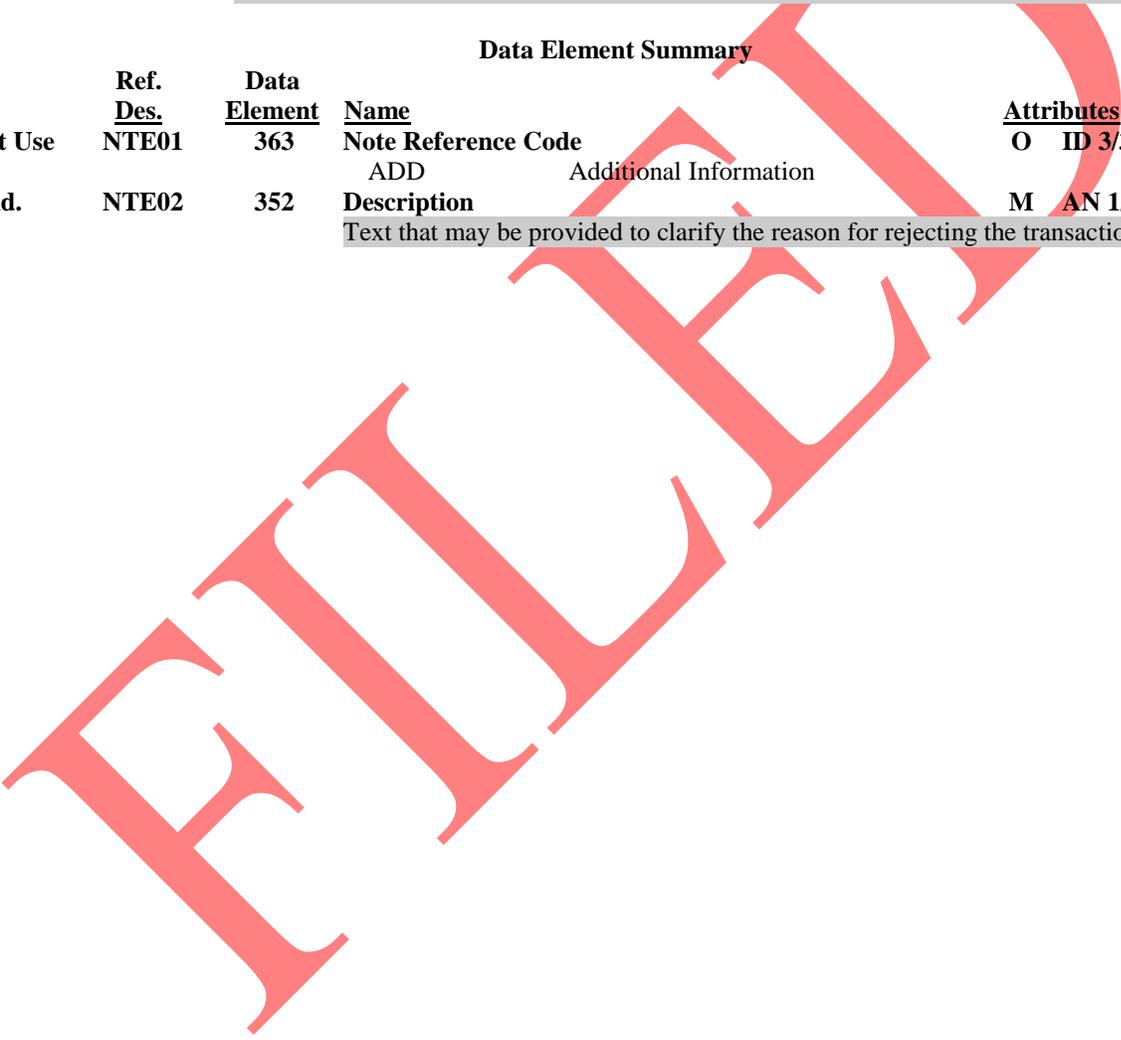
Optional TED07 724 Copy of Bad Data Element O AN 1/99

Segment: **NTE** Note/Special Instruction
Position: 080
Loop: TED Optional (Must Use)
Level: Detail
Usage: Optional (Dependent)
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:
Semantic Notes:
Notes: Conditional

This segment must be sent when TED02=A13, otherwise it is optional.
 NTE~ADD~GAS USAGE SENT IN ERROR

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	NTE01	363	Note Reference Code ADD Additional Information	O ID 3/3
Mand.	NTE02	352	Description Text that may be provided to clarify the reason for rejecting the transaction.	M AN 1/80



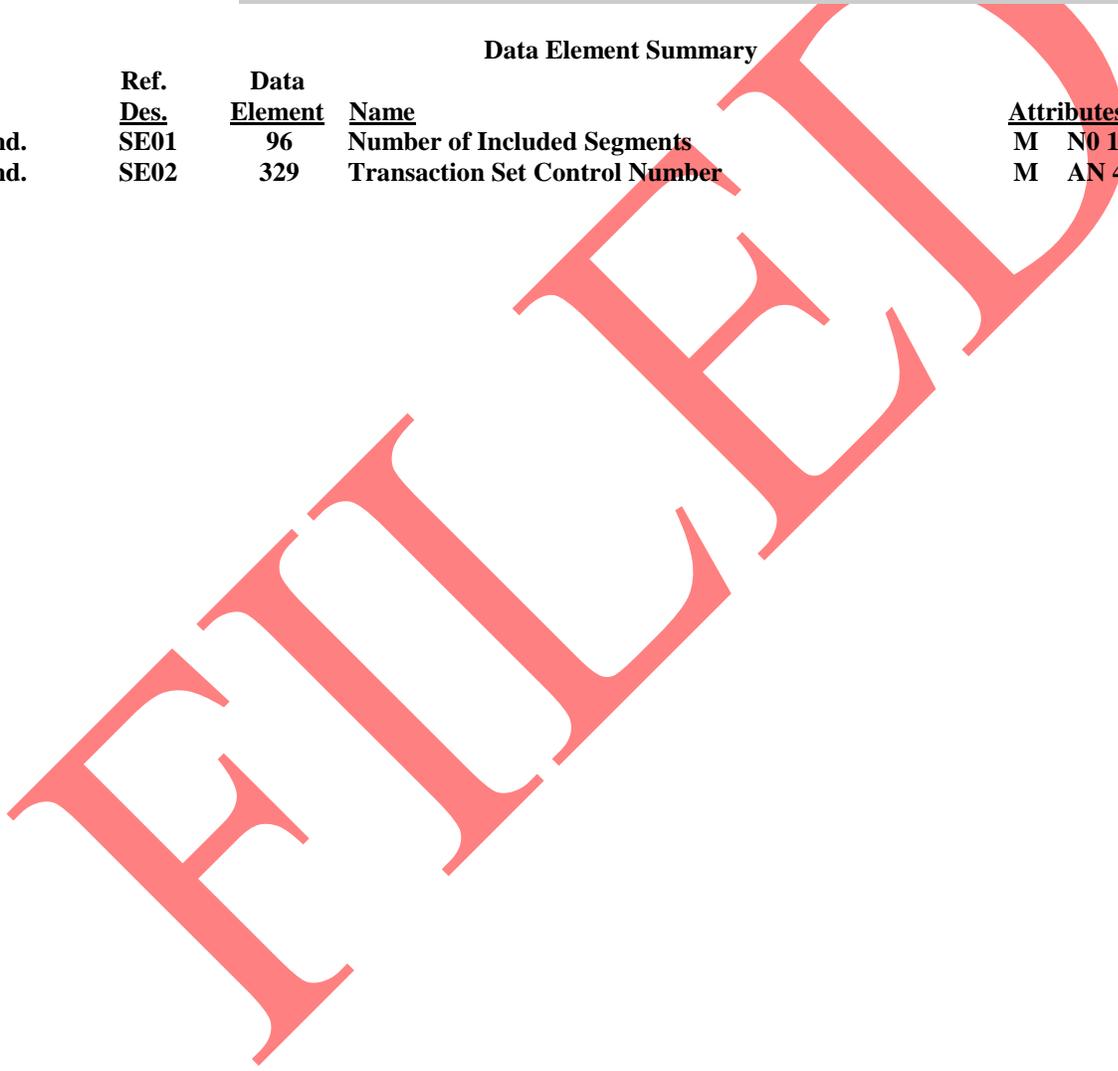
Segment: **SE** Transaction Set Trailer
Position: 090
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:
Semantic Notes:
Notes:

Required
 SE~15~000000001

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	SE01	96	Number of Included Segments	M N0 1/10
Mand.	SE02	329	Transaction Set Control Number	M AN 4/9



EXAMPLES

These examples are presented for illustrative purposes only. Although they are syntactically correct with respect to the published transaction standard for TS824 Application Advice, it should be understood that these examples reflect certain assumptions regarding optional and conditional data segments in this standard. Accordingly, these examples are not necessarily indicative of the manner in which a specific Utility or ESCO would map a specific transaction.

Scenario 1 –Rejection of an 867 with Rejection Reason “Other” Sent by ESCO to Utility

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*200611031353001*20060615*****82!	Transaction is a Response; Unique id number for this transaction; transaction creation date
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*CENTRAL HUDSON*1*006123456!	Utility Name and DUNS number
N1*8R*WL SMITH INDUSTRIAL WAREHOUSE!	Customer Name
REF*12*6624061503!	Utility assigned account number for this customer
OTI*TR*TN*200610151301001*****867!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 867
TED*848*A13!	Rejection Reason Code
NTE*ADD*DATES DON'T MATCH METER CYCLE PERIODS!	Additional text explanation of rejection reason
SE*10*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

Scenario 2 –Rejection of an 810 Invoice for Incorrect Sum This example could be sent by either party

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TR*TN*810465987910*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
REF*60*867001504!	Cross Reference Number
TED*848*SUM!	Rejection Reason Code
NTE*ADD*TOTAL IN TDS IS \$50.00 BUT TOTAL OF SAC AND TXI SEGMENTS IS \$48.50!	Additional text explanation of rejection reason
SE*11*000001!	Transaction Set trailer; segment count; control number

Scenario 3 –Rejection of an 810 Invoice for a Missed Bill Window
This example could be sent by either party in the Bill Ready Scenario

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20020702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TR*TN*810465987910*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
REF*6O*867001504!	Cross Reference Number
TED*848*OBW!	Rejection Reason Code
NTE*ADD*THE BILL WINDOW CLOSED AT 5:00 PM 07-01-2002.!	Additional text explanation of rejection reason
NTE*ADD*PLEASE RESUBMIT THIS INFORMATION NEXT MONTH!	Additional text explanation of rejection reason
SE*12*000001!	Transaction Set trailer; segment count; control number

Scenario 4 –Rejection of an 810 Invoice for a Bill Type and Bill Calculator Mismatch
Sent by ESCO to Utility

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****EV!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Evaluate indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TR*TN*810465987910*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
REF*6O*867001504!	Cross Reference Number
TED*848*FRF!	Rejection Reason Code (Bill Type Mismatch)
NTE*ADD*INVALID BILL TYPE!	Additional text explanation of rejection reason
NTE*ADD*THE BILL TYPE SENT IN THE 810 WAS UTILITY RATE READY!	Additional text explanation of rejection reason
NTE*ADD*ACCOUNT SHOULD BE DUAL BILL!	Additional text explanation of rejection reason
TED*848*FRG!	Rejection Reason Code (Bill Calculator Mismatch)
NTE*ADD*INVALID BILL CALCULATOR!	Additional text explanation of rejection reason
SE*15*000001!	Transaction Set trailer; segment count; control number

**Scenario 5 –Rejection of an 810 Invoice for a Supplier Not Supplier of Record
Sent by Utility to ESCO**

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TR*TN*810465987910*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
REF*6O*867001504!	Cross Reference Number
TED*848*A84!	Rejection Reason Code (Invalid Relationship)
NTE*ADD*SUPPLIER NOT SUPPLIER OF RECORD!	Additional text explanation of rejection reason
SE*11*000001!	Transaction Set trailer; segment count; control number

**Scenario 6 –Rejection of an 810 Invoice for a Invalid Utility Account Number for the ESCO
Sent by the ESCO in the Single Retailer Model to reject the ESCO Summary Invoice**

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NATIONAL FUEL*1*987693210!	Utility Name and DUNS number
N1*8R*NAME!	Literal “NAME” required in order to use the REF*AJ segment below.
REF*AJ*3456456789!	Utility account number for the ESCO
OTI*TR*TN*810465987910*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
TED*848*API!	Rejection Reason Code (Required Information Missing)
NTE*ADD*INVALID UTILITY ACCOUNT NUMBER FOR THE ESCO!	Additional text explanation of rejection reason
SE*10*000001!	Transaction Set trailer; segment count; control number

Scenario 7 –Partial Rejection of 820 Remittance for multiple invalid account numbers
Note that in the event of multiple accounts being rejected, multiple 824s must be sent
This example could be sent by either party

824 for first account number

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*CONSOLIDATED EDISON*1*987693210!	Utility Name and DUNS number
N1*8R*NAME!	Literal 'NAME' required to populate the REF segment below.
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TP*TN*CP1031954108 20060501001 *****820!	Indicates action is a Transaction Set Partial Reject ; reference number from original transaction; original transaction was an 820
TED*848*A76!	Rejection Reason Code (Utility Account Invalid or Not Found)
NTE*ADD*ACCOUNT NOT FOUND!	Additional text explanation of rejection reason
SE*10*000001!	Transaction Set trailer; segment count; control number

824 for second account number

ST*824*000002!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930204*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*CONSOLIDATED EDISON*1*987693210!	Utility Name and DUNS number
N1*8R*NAME!	Literal 'NAME' required to populate the REF segment below.
REF*12*45679879543!	Utility assigned account number for the customer
OTI*TP*TN*CP1031954108 20060501001 *****820!	Transaction Set Partial Reject ; Transaction reference number of the rejected transaction; transaction set type of the rejected transaction
TED*848*A76!	Rejection Reason Code (Utility Account Invalid or Not Found)
NTE*ADD*ACCOUNT NOT FOUND!	Additional text explanation of rejection reason
SE*10*000002!	Transaction Set trailer; segment count; control number

Scenario 8 –Rejection of an Entire 820 Remittance for Incorrect Sum

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
OTI*TR*TN* CP1031954108 20060501001 *****820!	Transaction Set Reject ; Transaction reference number of the rejected transaction; transaction set type of the rejected transaction
TED*848*SUM!	Rejection Reason Code (Sum of Details Does Not Equal Total)
NTE*ADD*BPR02 IS 3258.29 BUT TOTAL OF RMR04S IS 3248.50!	Additional text explanation of rejection reason
SE*8*000001!	Transaction Set trailer; segment count; control number

Scenario 9 –Rejection of a 248 Account Assignment for Invalid Account Number

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TR*TN*248465987910*****248!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 248
TED*848*A76!	Rejection Reason Code (Utility Account Invalid or Not Found)
SE*9*000001!	Transaction Set trailer; segment count; control number

New York Implementation Standard

For

Standard Electronic Transactions

TRANSACTION SET

824

Positive Notification

Ver/Rel 004010

	Summary of Changes
October 25, 2002	Initial Release
July 24, 2015	Version 1.1
	<ul style="list-style-type: none"> Replaced references to Marketer and E/M with ESCO.
June 30, 2016	Version 1.2
	<ul style="list-style-type: none"> Update to conditionality of REF Reference Identification (Previous Utility Customer Account Number) segment.

FILED

	Notes pertaining to the use of this document
Purpose	<ul style="list-style-type: none"> • In New York, an 824 Positive Notification transaction is used by the billing party to notify the non-billing party of billing information presented in the customer’s consolidated bill. The use of this transaction is limited to scenarios in which a consolidated bill is rendered using the Bill Ready model. In that model, an 824 Positive Notification transaction is sent by the billing party following receipt, processing and acceptance of an 810 Invoice from the non-billing party and presentation of the customer’s consolidated bill. • When an 810 Invoice sent by the non-billing party is rejected, the billing party will send an 824 Application Advice to notify the non-billing party. Please refer to <i>the Implementation Guide for the 824 Application Advice</i> and the <i>Notification Advice for Consolidated Billing Business Processes – Bill Ready Models</i> for more detailed information regarding processes associated with rejection of an 810 Invoice in the Bill Ready model.
Timeliness	<ul style="list-style-type: none"> • The 824 Positive Notification will be issued on the same date that the consolidated bill is created.
Validation	<ul style="list-style-type: none"> • The Utility assigned account number for the customer is used for validation and must be present in all transactions.
Cross referencing transactions	<ul style="list-style-type: none"> • The reference number from the 810 Invoice transaction(s) must be provided in the OTI03 element in the OTI segment of this transaction.
OTI Loop	<ul style="list-style-type: none"> • One OTI Loop must be sent for each accepted 810 Invoice. • Each OTI Loop will contain a Cross Reference Number for the accepted 810 Invoice and segments for transmitting the following bill information from the consolidated bill presented to the customer: Total Payments Applied (AMT), Payment Applied Through Date (DTM), Total Amount Due (AMT), and Payment Due Date (DTM). • All bill information provided pertains to information presented in the non-billing party’s detail section of the consolidated bill.

<p>Response to Multiple 810 Invoices Received During a Bill Window</p>	<ul style="list-style-type: none"> • When an 810 Invoice previously sent was rejected and bill information must be resent during a subsequent bill window, the non-billing party may send a <i>single</i> 810 Invoice that contains charges for the prior period and the current period or two 810 Invoices – one for the prior period and one for the current period. • When a billing party receives more than one 810 Invoice for a customer during a bill window and each invoice is for a different bill period, the billing party may either present amounts from <u>each</u> invoice in separate bills or present all amounts in a single bill. • When the billing party has accepted multiple 810 Invoices for the same account and service during a bill window, the billing party may respond by sending either a single 824 Positive Notification that references all accepted 810 Invoices or a separate 824 Positive Notification transaction for each Invoice. • When multiple 810 Invoices are received and accepted for the same account during a bill window and the billing party will present amounts from each 810 Invoice in separate bills, a separate Positive Notification transaction must be sent for each 810 Invoice. • When a <u>single</u> consolidated bill contains bill information from multiple 810 Invoices and the billing party will send separate 824 Positive Notification transactions for each 810 Invoice, the bill information in each Notification transaction (i.e. total payments applied, applied through date, payment due date and total amount due) will be the same.
<p>One account</p>	<ul style="list-style-type: none"> • Each transaction may reference only one customer account.

<p>Total Amount Due (AMT*BD)</p>	<ul style="list-style-type: none"> • The AMT*BD segment will contain the sum of the customer's outstanding balance (which may be zero) plus the current period's charges/credits as presented by the billing party in the non-billing party's detail section of the customer's consolidated bill. • The amount that is sent in this segment may NOT represent the total outstanding balance for a customer. • For customers on consolidated billing that are billed on a budget plan for the non-billing party's charges, the Total Amount Due will include the current periods budget amount(s) sent in the 810 Invoice that were coded as "Charge" items plus any other outstanding charges that were presented on the non-billing party's detail section of the customer's consolidated bill. Budget plan amounts sent in the 810 Invoice for bill presentation purposes should not be included in the 'Total Amount Due' segment.
<p>Definitions</p>	<ul style="list-style-type: none"> • The term Utility or LDC (Local Distribution Company) is used in this document to refer to the local gas or electric distribution company, i.e. the entity providing regulated bundled commodity service. The term ESCO is used in this document to refer to either electric suppliers or gas marketers. The principal parties involved in this Transaction Set 824 implementation guide are: <ul style="list-style-type: none"> • The end-use customer (Code 8R) • The Utility (LDC) (Code 8S) • The Supplier (ESCO) (Code SJ).
<p>Companion Documents</p>	<ul style="list-style-type: none"> • All of the applicable business rules for New York are not necessarily documented in this implementation guide. Accordingly, the following documents should be reviewed where further clarification is needed: <ul style="list-style-type: none"> ➤ <i>Notification Advice Billing Business Processes- Bill Ready Models</i> ➤ <i>Consolidated Billing Business Processes - Utility Bill Ready</i> ➤ <i>TS824 Application Advice Implementation Guide.</i> • Further information regarding the processing of EDI transactions may be found in the <i>Technical Operating Profile for Electronic Data Interchange in New York and its various supplements.</i>

Implementation Guideline Field Descriptions

Segment: **REF** Reference Identification (Utility Customer Account Number)
Position: 050
Loop:
Level: Heading
Usage: Optional (Must Use)
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 shows the X12 Rules for this segment but the Usage and Max Use fields will also reflect NY rules. For Usage, "Optional (Must Use)" means that this segment is Optional for X12, but is required in NY. "Optional (Dependent)" means Optional for X12, but use is conditional in NY. The grayboxes below should also be reviewed for additional NY Rules.

Notes: Required
 This section displays the NY Rules for implementation of this segment.

number assigned to the customer is used for
 be present on all transactions.

This section displays the NY Rules for implementation of this segment.

REF~12~011231287654398

One or more examples.

Data Element Summary

	<u>Ref Des.</u>	<u>Data Element</u>	<u>Name</u>	
Mand.	REF01	128	Reference Identification Qualifier	12 Billing Account REF02 contains the Utility the customer.
Must Use	REF02	127	Reference Identification	Utility assigned customer account number The utility account number must be supplied with non-alphanumeric characters. (Characters added on a bill, for example, should be removed)

These columns show the X12 attributes for each data element:

M = Mandatory
 O = Optional
 X = Conditional

AN = Alphanumeric
 N# = Implied Decimal
 ID = Identification
 R = Real
 DT = Date (CCYYMMDD)

1/30 = Minimum 1, Maximum 30

This column documents differences between X12 and NY use for each data element:

Mand. (Mandatory) – Required by X12
 Must Use – Required by NY
 Cond. (Conditional)
 Optional

824 Positive Notification

Functional Group ID=**AG**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment.

Notes:

This Implementation Guide documents the content and format for the TS824 Positive Notification. In New York, use of the 824 Positive Notification transaction is limited to scenarios in which a consolidated bill is rendered (by either a Utility or an ESCO) using the Bill Ready model. For that model, the billing party will use the Positive Notification to notify the non-billing party when bill information sent in an 810 Invoice is accepted and has been presented in the consolidated bill issued to the customer. This transaction is sent following billing party receipt of an 810 Invoice from the non-billing party, the processing of that transaction and the rendering of the customer's bill.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	BGN	Beginning Segment	M	1		
						LOOP ID - N1	1
5	030	N1	Name (ESCO)	O	1		
						LOOP ID - N1	1
6	030	N1	Name (Utility)	O	1		
						LOOP ID - N1	1
7	030	N1	Name (Customer)	O	1		
8	070	REF	Reference Identification (ESCO Customer Account Number)	O	1		
9	070	REF	Reference Identification (Utility Account Number)	O	1		
10	070	REF	Reference Identification (Previous Utility Account Number)	O	1		
11	070	REF	Reference Identification (Utility Account Number for the ESCO)	O	1		

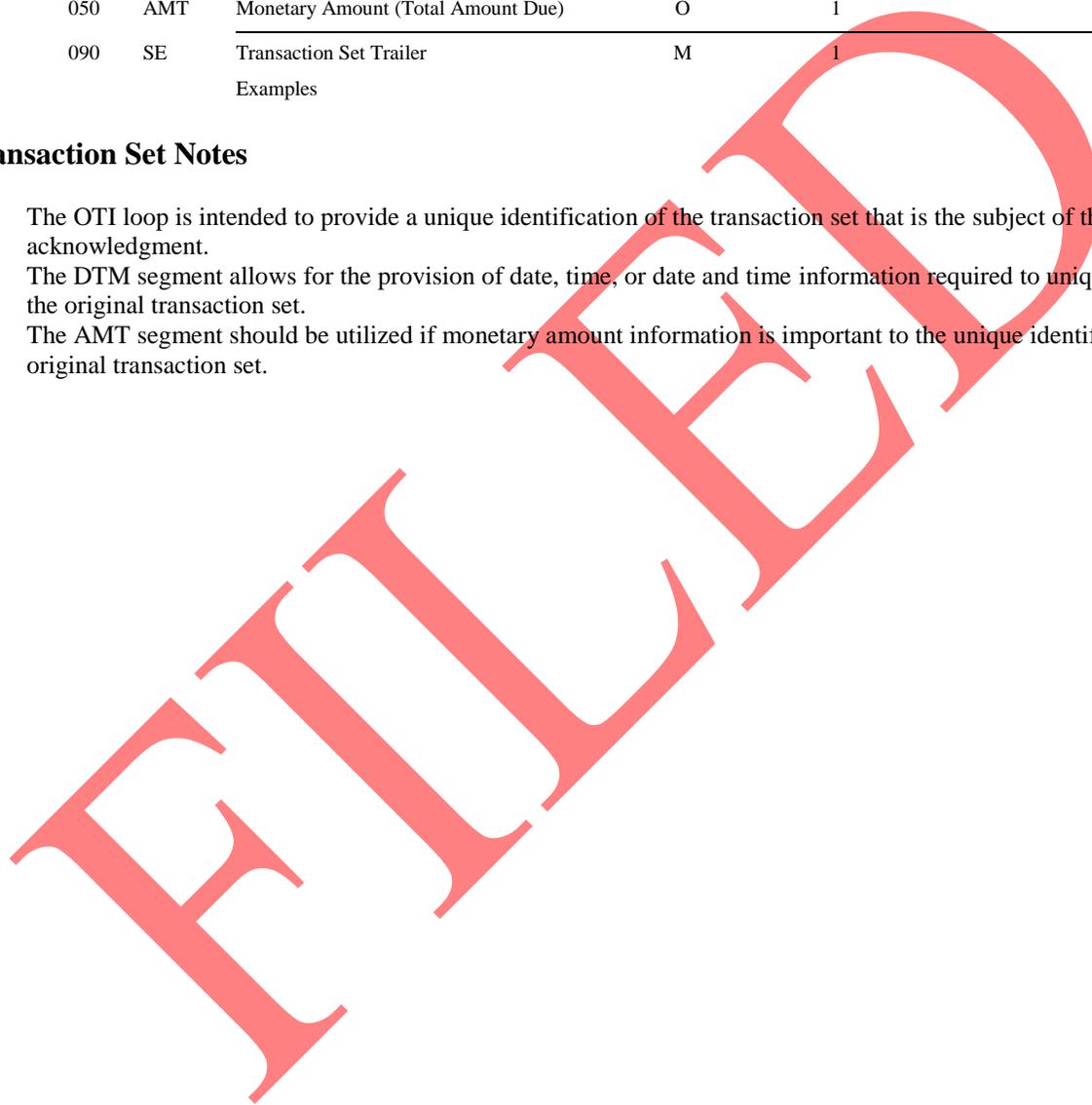
Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - OTI			>1	
12	010	OTI	Original Transaction Identification	M	1		n1
14	020	REF	Reference Identification (Cross Reference Number)	O	1		
15	030	DTM	Date/Time Reference (Payments Applied Through Date)	O	1		
16	030	DTM	Date/Time Reference (Payment Due Date)	O	1		
17	050	AMT	Monetary Amount (Total Payments Applied)	O	1		
18	050	AMT	Monetary Amount (Total Amount Due)	O	1		
19	090	SE	Transaction Set Trailer	M	1		

E - 1 Examples

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 DTM segment allows for the provision of date, time, or date and time information required to uniquely identify the original transaction set.
3. The AMT segment should be utilized if monetary amount information is important to the unique identification of the original transaction set.



Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Comments:
Notes: Required
 ST~824~000000001

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Mand.	ST01	143	Transaction Set Identifier Code 824 Application Advice	M ID 3/3
Mand.	ST02	329	Transaction Set Control Number	M AN 4/9

Identifying control number assigned by the originator of a transaction set. This identifier must be unique for each transaction set within a functional group.

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:

Notes: Required

BGN~11~200211031353001~20021103~~~~CF

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	BGN01	353	Transaction Set Purpose Code 11 Response	M ID 2/2
Mand.	BGN02	127	Reference Identification	M AN 1/30
			A unique transaction identification number assigned by the originator of this transaction. This number should be unique over time.	
Mand.	BGN03	373	Date	M DT 8/8
			The transaction creation date. This is the date that the data was processed by the sender's application system. This date is synonymous with the date of bill preparation.	
Must Use	BGN08	306	Action Code CF Confirm	O ID 1/2
			Indicates that the amounts provided in the 810 Invoice identified in OTI03 were presented on the customer's bill.	

Segment: **N1** Name (ESCO)
Position: 030
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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.

Notes: Required
 N1~SJ~ESCONAME~1~123456789

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	N101	98	Entity Identifier Code SJ Service Provider Identifies the ESCO participating in this transaction.	M ID 2/3
Optional	N102	93	Name Free Form ESCO Company Name Supplemental text information supplied, if desired, to provide "eyeball" identification of the ESCO. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.	X AN 1/60
Must Use	N103	66	Identification Code Qualifier 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 24 Employer's Identification Number Federal Tax ID	X ID 1/2
Must Use	N104	67	Identification Code The D-U-N-S number or the Federal Tax ID	X AN 2/80

Segment: **N1** Name (Utility)
Position: 030
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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.

Notes:

Required
 N1~8S~UTILITYNAME~1~006994735

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	N101	98	Entity Identifier Code 8S Consumer Service Provider (CSP) Identifies the Utility participating in this transaction.	M ID 2/3
Optional	N102	93	Name Free Form Utility Company Name Supplemental text information that may be supplied to provide "eyeball" identification of the Utility. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.	X AN 1/60
Must Use	N103	66	Identification Code Qualifier 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 24 Employer's Identification Number Federal Tax ID	X ID 1/2
Must Use	N104	67	Identification Code The D-U-N-S number or the Federal Tax ID	X AN 2/80

Segment: **N1** Name (Customer)
Position: 030
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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.

Notes: Required

When an N1 Loop is sent, an N1 segment is required. The N1 (Customer) loop contains a REF segment for transmitting the Utility account number assigned to the customer. The account number is used for validation and must be present in all transactions.

N1~8R~MARY SMITH
 N1~8R~NAME

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	N101	98	Entity Identifier Code 8R Consumer Service Provider (CSP) Customer Identifies the end use customer targeted by this transaction.	M ID 2/3
Must Use	N102	93	Name Customer name or the literal "NAME" A customer's name may be provided, by mutual agreement of the trading partners, to provide "eyeball" identification of the customer involved in the transaction.	X AN 1/60

Segment: **REF** Reference Identification (ESCO Customer Account Number)
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Optional
 REF~11~A12345009Z

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 11 Account Number REF02 is the ESCO assigned account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification ESCO's assigned account number for the customer.	X AN 1/30

Segment: **REF** Reference Identification (Utility Account Number)
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Required

The Utility account number assigned to the customer is used for validation and must be present in all transactions.
 REF~12~011231287654398

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 12 Billing Account	M ID 2/3
			REF02 is the Utility-assigned account number for the customer	
Must Use	REF02	127	Reference Identification Utility assigned customer account number	X AN 1/30
			The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	

Segment: **REF** Reference Identification (Previous Utility Account Number)
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), this segment must be sent on Utility initiated transactions when the utility account number for the customer has changed in the last 90 days.

REF~45~011231287655403

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 45 Old Account Number REF02 contains the utility's previous account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification Previous utility account number Numbers must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30

Segment: **REF** Reference Identification (Utility Account Number for the ESCO)
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Optional

An account number assigned to the ESCO by the Utility.

REF~AJ~394584752

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier AJ	M ID 2/3 Accounts Receivable Customer Account
				REF02 contains the Utility Account number for the ESCO
Must Use	REF02	127	Reference Identification	X AN 1/30
				This is the Utility assigned account number for the ESCO.

Segment: **OTI Original Transaction Identification**

Position: 010
Loop: OTI Mandatory
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: 1 If OTI09 is present, then OTI08 is required.
Semantic Notes: 1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.

- 2 OTI06 is the group date.
- 3 OTI07 is the group time.
- 4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
- 5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.
- 6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.
- 7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.
- 8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.
- 9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.
- 10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.

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, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.
 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Notes: Required
 When a billing party has received and accepted more than one 810 Invoice transaction for the same customer during a bill window, the billing party may respond by sending one 824 Positive Notification transaction that references each accepted Invoice in separate OTI loops or an 824 Positive Notification transaction for each accepted Invoice.
 OTI~TA~TN~200210151400010~~~~~810

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	OTI01	110	Application Acknowledgment Code TA Transaction Set Accept	M ID 1/2 Used to indicate that billing information sent in the 810 Invoice transactions has been accepted and presented on the customer's bill.
Mand.	OTI02	128	Reference Identification Qualifier TN Transaction Reference Number	M ID 2/3 Code indicating OTI03 contains the reference number from the original 810 transaction

Mand.	OTI03	127	Reference Identification	M AN 1/30
			This is the reference number from the original transaction, populated from the BIG02 of the respective 810.	
Must Use	OTI10	143	Transaction Set Identifier Code	O ID 3/3
			810 Invoice	

FILED

Segment: **REF** Reference Identification (Cross Reference Number)
Position: 020
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Required

REF~6O~2048392934504

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 60 Cross Reference Number REF02 contains the cross reference number from the BIG05 element in the 810 transaction.	M ID 2/3
Must Use	REF02	127	Reference Identification Cross reference number	X AN 1/30

Segment: **DTM** **Date/Time Reference (Payments Applied Through Date)**
Position: 030
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
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:

Notes:

Required
 DTM~311~20021212

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	DTM01	374	Date/Time Qualifier 311 Latest Receiving Date/Cutoff Date Payments applied up to and including the date provided in DTM02 were presented on the customer's consolidated bill for this period. Any payments applied after this date will be presented on the customer's next bill.	M ID 3/3
Must Use	DTM02	373	Date Date in CCYYMMDD format	X DT 8/8

Segment: **DTM** **Date/Time Reference (Payment Due Date)**
Position: 030
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
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:

Notes:

Required
 DTM~814~20030102

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	DTM01	374	Date/Time Qualifier 814 Payment Due Date	M ID 3/3
			DTM02 indicates the date that payment on the consolidated bill is due from the customer. This date is determined by the utility.	
Must Use	DTM02	373	Date Date in CCYYMMDD format	X DT 8/8

Segment: **AMT** Monetary Amount (Total Payments Applied)
Position: 050
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes: Required

AMT~AAD~175.26

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	AMT01	522	Amount Qualifier Code AAD	M ID 1/3
			Application Amount	
			AMT02 is the total of all payments received by the billing party and allocated to the non-billing party as presented on the customer's consolidated bill. AMT02 includes amounts received by the non-billing party and subsequently reported in a PAM segment in the 810 Invoice transactions.	
Mand.	AMT02	782	Monetary Amount	M R 1/18
			Total payments applied to the non-billing party's charges.	
			This element is a real number. Real numbers are assumed to be positive numbers and a minus (-) sign must precede the amount when a negative number is being sent. Real numbers do NOT provide for an implied decimal position; a decimal point must be sent when decimal precision is required. When transmitting a real number it is not necessary, but is acceptable, to transmit insignificant digits such as leading and/or trailing zeros.	

Segment: **AMT** Monetary Amount (Total Amount Due)
Position: 050
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Required
 AMT~BD~500

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	AMT01	522	Amount Qualifier Code BD	M ID 1/3

Balance Due
 AMT02 contains the total amount due for the non-billing party's charges as presented by the billing party on the customer's consolidated bill. The amount sent in AMT02 is the sum of the customer's outstanding balance (which may be zero) plus current period charges/credits for the customer's account with the non-billing party.

Mand.	AMT02	782	Monetary Amount	M R 1/18
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Total Amount Due for Non-Billing Party
 This element is a real number. Real numbers are assumed to be positive numbers and a minus (-) sign must precede the amount when a negative number is being sent. Real numbers do NOT provide for an implied decimal position; a decimal point must be sent when decimal precision is required. When transmitting a real number it is not necessary, but is acceptable, to transmit insignificant digits such as leading and/or trailing zeros.

Segment: **SE** Transaction Set Trailer
Position: 090
Loop:
Level: Detail
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:

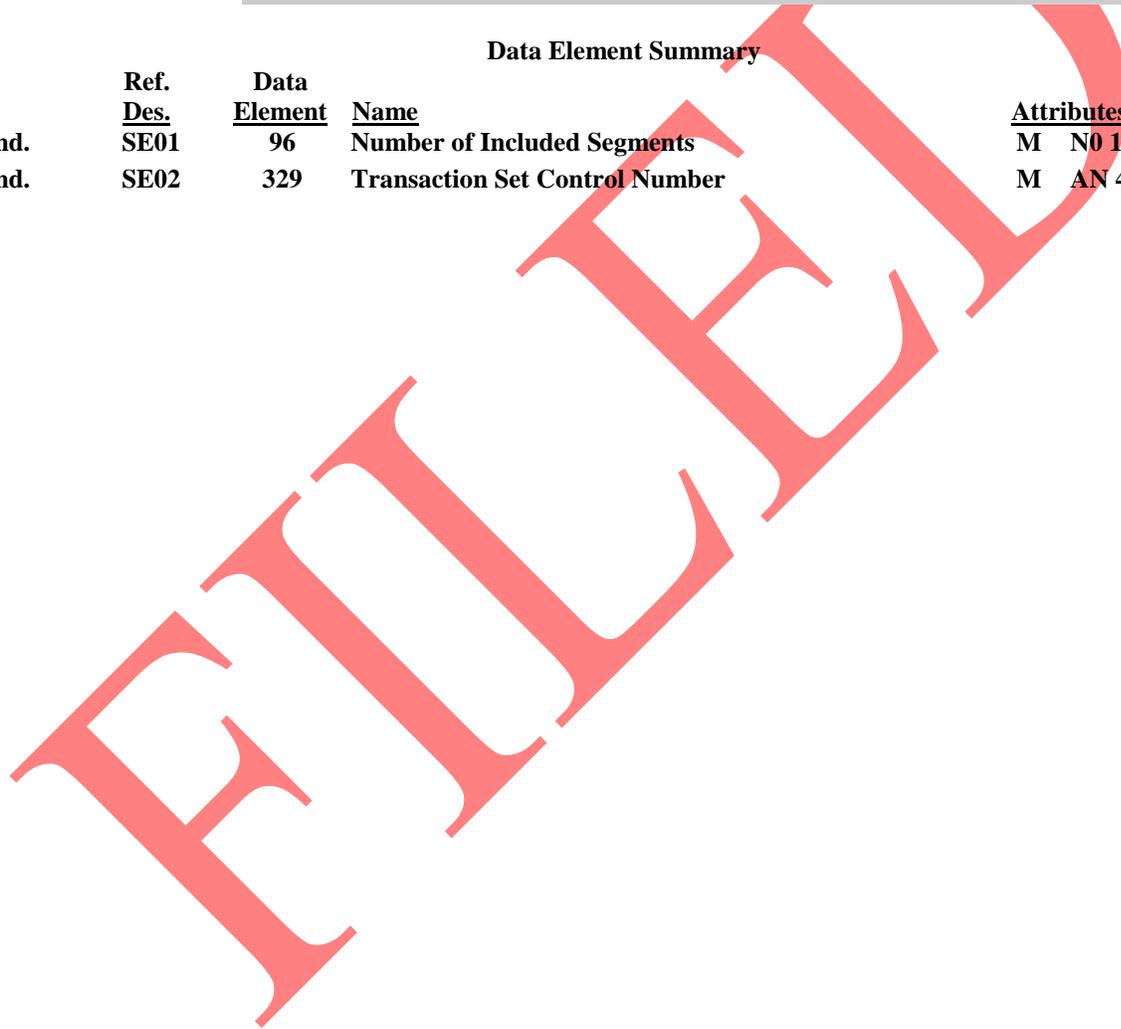
Comments: 1 SE is the last segment of each transaction set.

Notes: Required

SE~15~000000001

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Mand.	SE01	96	Number of Included Segments	M N0 1/10
Mand.	SE02	329	Transaction Set Control Number	M AN 4/9



EXAMPLES

These examples are presented for illustrative purposes only. Although they are syntactically correct with respect to the published transaction standard for TS824 Positive Notification, it should be understood that these examples reflect certain assumptions regarding optional and conditional data segments in this standard. Accordingly, these examples are not necessarily indicative of the manner in which a specific Utility or ESCO would map a specific transaction.

Scenario 1 –Acceptance of Non-Billing Party’s 810 Invoice Sent by Utility (Billing Party) to ESCO (Non-Billing Party)

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*200211031353001*20021103*****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*CENTRAL HUDSON*1*006123456!	Utility Name and DUNS number
N1*8R*WL SMITH INDUSTRIAL WAREHOUSE!	Customer Name
REF*12*6624061503!	Utility assigned account number for this customer
REF*45*3190481190!	Previous utility assigned account number for this customer
REF*AJ*156489!	Utility assigned account number for the ESCO
OTI*TA*TN*200010151301001*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction; original transaction was an 810
REF*60*867000097!	Cross Reference Number
DTM*311*20021103!	Payment Applied Through Date
DTM*814*20021126!	Payment Due Date
AMT*AAD*175.25!	Amount of Total Payments Applied as presented in the consolidated bill
AMT*BD*189.1!	The Total Amount Due as presented in the consolidated bill.
SE*15*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

Scenario 2 –Acceptance of an 810 Invoice
Sent by ESCO (Billing Party) to Utility (Non-Utility Party)

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*00058*20021103*****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NATIONAL FUEL*1*006123456!	Utility Name and DUNS number
N1*8R*WL SMITH INDUSTRIAL WAREHOUSE!	Customer Name
REF*12*1564657789!	Utility assigned account number for this customer
REF*AJ*111568!	Utility assigned account number for the ESCO
OTI*TA*TN*200010151301001*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction; original transaction was an 810
REF*60*867000156!	Cross Reference Number
DTM*311*20021103!	Payment Applied Through Date
DTM*814*20021126!	Bill Due Date
AMT*AAD*0!	Total Payments Applied Presented on Bill
AMT*BD*364.35!	Total Amount Due Presented on Bill
SE*14*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

PENDING

**Scenario 3 – Missed Bill Window for Prior Period; Multiple 810s Sent During Current Bill Window;
Billing Party Issues One Consolidated Bill for Current Period**

Summary:

- Part A:** ESCO sends Utility 810 Invoice for period 2/28/16 – 3/28/16
- Part B:** Invoice is rejected for ‘missed bill window’
Utility sends 824 Application Advice to ESCO
824 Application Advice indicates ESCO resends bill information in next window
- Part C:** Next Bill Window - ESCO sends new 810 for 2/28/16 – 3/28/16
- Part D:** Next Bill Window - ESCO sends 810 for 3/28/16 – 4/27/16
- Part E:** Utility sends 824 Positive Notification Accepting 810 for 2/28/16 – 3/28/16
- Part F:** Utility sends 824 Positive Notification Accepting 810 for 3/28/16 – 4/27/16
- Or**
- Part G:** Utility sends one 824 Positive Notification Accepting both 810 Invoices

Part A: ESCO sends Utility 810 Invoice for period 2/28/16 – 3/28/16

ST*810*000001!	Transaction Set header; transaction defined is an 810 ; control number assigned by originator
BIG*20020403*IN20020403_5675***867100315* *ME*00!	Transaction date; Invoice number; Cross Reference Number; Regular Bill ; Original Invoice
REF*11*526894GS!	ESCO assigned account number for the customer
REF*12*3456789!	Utility assigned account number for the customer
REF*BLT*LDC!	Utility is Bill Presenter
REF*PC*DUAL!	Each party calculates own charges
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
PID*F*GEN***THANK YOU for your timely payment*R1!	Text Message
BAL*M*YB*89.41!	Total Outstanding Balance
IT1*1*****SV*GAS*C3*ACCOUNT!	Gas Charge(s) billed at the Account level
TXI*LS*3.44*.04*****A*85.97!	Sales tax; amount; rate; Tax is Additive ; basis on which the tax is calculated
DTM*150*20020228!	Service period start date
DTM*151*20020328!	Service period end date
SLN*1**A!	First SLN Segment
SAC*C**EU*BAS001*295***2.95*MO*1***01!	Charge Indicator, electric or combination utility; charge type is Customer Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
SLN*2**A!	Second SLN Segment
SAC*C**EU*ENC001*8302***.466404*HH*178*** 02!	Charge Indicator, electric or combination utility; charge type is Energy Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
TDS*8941!	Total current month charges
CTT*1!	Number of IT1 segments
SE*22*000001!	Transaction Set trailer; segment count; control number

Part B: Utility Sends 824 Application Advice

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20020403*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456789!	Utility assigned account number for the customer
OTI*TR*TN*IN20020403_5675*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
REF*60*867100315!	Cross Reference Number
TED*848*OBW!	Rejection Reason Code
NTE*ADD*THE BILL WINDOW CLOSED AT 5:00 PM 04-02-2002.!	Additional text explanation of rejection reason
NTE*ADD*PLEASE RESUBMIT THIS INFORMATION NEXT MONTH!	Additional text explanation of rejection reason
SE*12*000001!	Transaction Set trailer; segment count; control number

Part C: Next Bill Window - ESCO sends new 810 for 2/28/16 - 3/28/16

ST*810*000001!	Transaction Set header; transaction defined is an 810 ; control number assigned by originator
BIG*20160501*IN20160501_4566***867100315* *ME*00!	Transaction date; Invoice number; Cross Reference Number; Regular Bill ; Original Invoice
REF*11*526894GS!	ESCO assigned account number for the customer
REF*12*3456789!	Utility assigned account number for the customer
REF*BLT*LDC!	Utility is Bill Presenter
REF*PC*DUAL!	Each party calculates own charges
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
PID*F*GEN***THANK YOU for your timely payment*R1!	Text Message
BAL*M*YB*89.41!	Total Outstanding Balance
IT1*1*****SV*GAS*C3*ACCOUNT!	Gas Charge(s) billed at the account level
TXI*LS*3.44*.04****A*85.97!	Sales tax; amount; rate; Tax is Additive ; basis on which the tax is calculated
DTM*150*20160228!	Service period start date
DTM*151*20160328!	Service period end date
SLN*1**A!	First SLN Segment
SAC*C**EU*BAS001*295***2.95*MO*1***01!	Charge Indicator, electric or combination utility; charge type is Customer Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
SLN*2**A!	Second SLN Segment
SAC*C**EU*ENC001*8302***.466404*HH*178*** 02!	Charge Indicator, electric or combination utility; charge type is Energy Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
TDS*8941!	Total current month charges
CTT*1!	Number of IT1 segments

SE*22*000001!	Transaction Set trailer; segment count; control number
---------------	--

Part D: Next Bill Window - ESCO sends 810 for 3/28/16 – 4/27/16

ST*810*000001!	Transaction Set header; transaction defined is an 810 ; control number assigned by originator
BIG*20160501*IN20160501_4567***867101258**ME*00!	Transaction date; Invoice number; Cross Reference Number; Regular Bill ; Original Invoice
REF*11*526894GS!	ESCO assigned account number for the customer
REF*12*3456789!	Utility assigned account number for the customer
REF*BLT*LDC!	Utility is Bill Presenter
REF*PC*DUAL!	Each party calculates own charges
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
PID*F*GEN***THIS BILL CONTAINS TWO MONTHS OF ESCO CHARGES*R1!	Text Message
BAL*M*YB*170.57!	Total Outstanding Balance
IT1*1****SV*GAS*C3*ACCOUNT!	Gas Charge(s) billed at the account level
TXI*LS*3.12*.04****A*78.04!	Sales tax; amount; rate; Tax is Additive ; basis on which the tax is calculated
DTM*150*20160328!	Service period start date
DTM*151*20160427!	Service period end date
SLN*1**A!	First SLN Segment
SAC*C**EU*BAS001*295***2.95*MO*1***01!	Charge Indicator, electric or combination utility; charge type is Customer Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
SLN*2**A!	Second SLN Segment
SAC*C**EU*ENC001*7509***.466404*HH*161***02!	Charge Indicator, electric or combination utility; charge type is Energy Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
TDS*8116!	Total current month charges
CTT*1!	Number of IT1 segments
SE*21*000001!	Transaction Set trailer; segment count; control number

Part E: Utility sends 824 Positive Notification Accepting 810 for 2/28/16 – 3/28/16

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*201605031259003*20160503*****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*11*526894GS!	ESCO assigned account number for this customer
REF*12*3456789!	Utility assigned account number for this customer
REF*45*3190480!	Previous utility assigned account number for this customer
OTI*TA*TN*IN20160501_4566*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction; original transaction was an 810
REF*60*867100315!	Cross Reference Number
DTM*311*20160503!	Payment Applied Through Date
DTM*814*20160526!	Bill Due Date
AMT*AAD*80.1!	Total Payments Applied Presented on Bill
AMT*BD*170.57!	Total Amount Due Presented on Bill
SE*15*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

Part F: Utility sends 824 Positive Notification Accepting 810 for 3/28/16 – 4/27/16

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*201605031259004*20160503*****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*11*526894GS!	ESCO assigned account number for this customer
REF*12*3456789!	Utility assigned account number for this customer
REF*45*3190480!	Previous utility assigned account number for this customer
OTI*TA*TN*IN20160501_4567*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction; original transaction was an 810
REF*60*867101258!	Cross Reference Number
DTM*311*20160503!	Payment Applied Through Date
DTM*814*20160526!	Bill Due Date
AMT*AAD*80.1!	Total Payments Applied Presented on Bill
AMT*BD*170.57!	Total Amount Due Presented on Bill
SE*15*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

Part G: Utility sends one 824 Positive Notification Accepting both 810 Invoices

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*200205031259005*20020503*****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*11*526894GS!	ESCO assigned account number for this customer
REF*12*3456789!	Utility assigned account number for this customer
REF*45*3190480!	Previous utility assigned account number for this customer
OTI*TA*TN*IN20020501_4566*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction - First Invoice ; original transaction was an 810
REF*60*867100315!	Cross Reference Number - First Invoice
DTM*311*20020503!	Payment Applied Through Date
DTM*814*20020526!	Bill Due Date
AMT*AAD*80.1!	Total Payments Applied
AMT*BD*170.57!	Total Amount Due
OTI*TA*TN*IN20020501_4567*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction - Second Invoice ; original transaction was an 810
REF*60*867101258!	Cross Reference Number - Second Invoice
DTM*311*20020503!	Payment Applied Through Date
DTM*814*20020526!	Bill Due Date
AMT*AAD*80.1!	Total Payments Applied Presented on Bill
AMT*BD*170.57!	Total Amount Due Presented on Bill
SE*21*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

New York Implementation Standard

For

Standard Electronic Transactions

TRANSACTION SET

824

Application Advice
Ver/Rel 004010

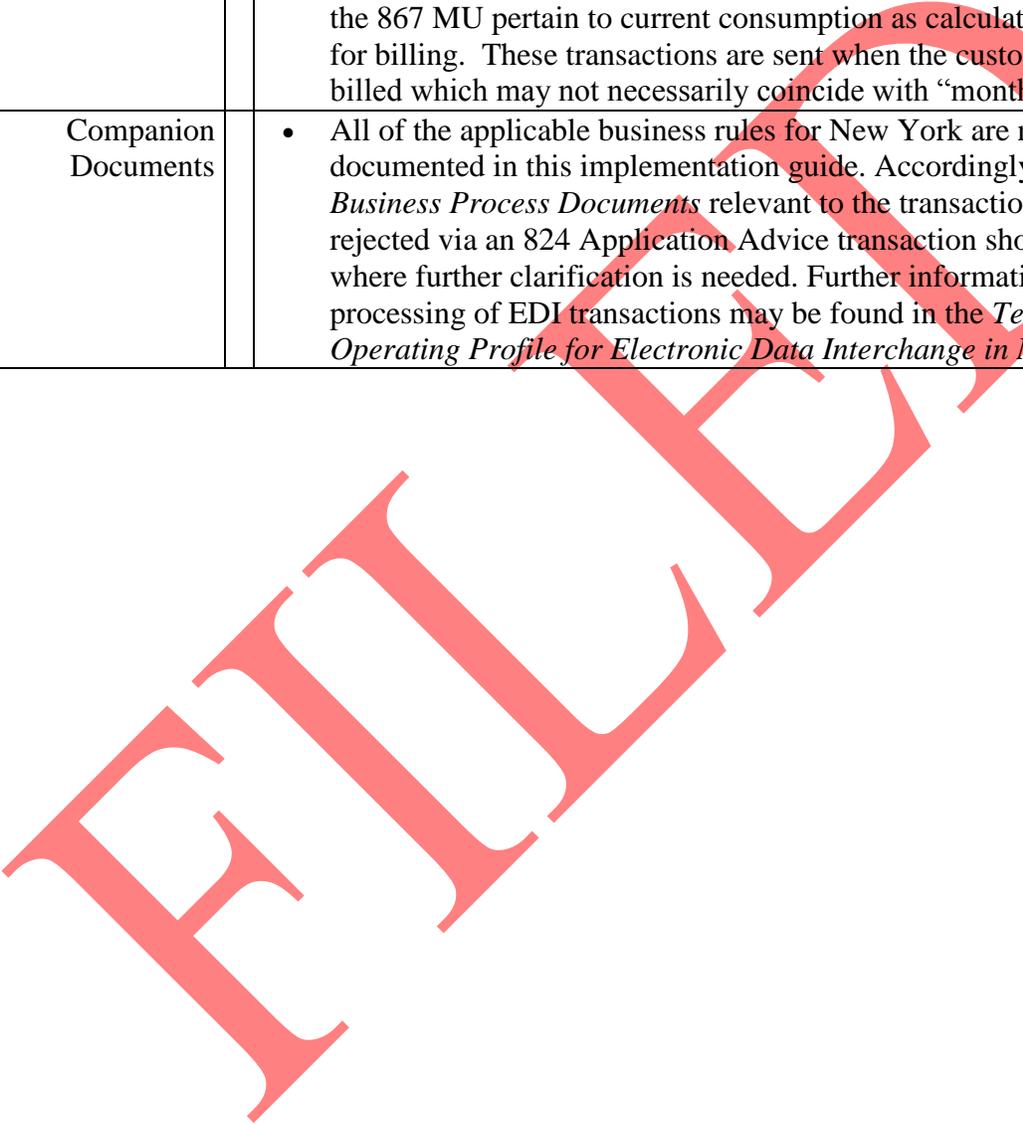
	Summary of Changes
July 20, 2001 Version 1.0	Initial Release
July 30, 2002	Version 1.1 Issued
	Purpose revised to permit an 824 Application Advice transaction to be used to reject 248, 568, 810 and 820 transactions, in addition to 867 transactions.
	Added BGN08 to communicate to the recipient the action they are expected to take regarding the transaction that has been rejected.
	Modified the usage attribute for the N1*8R segment (Customer) from Required to Conditional. This N1 loop is not required when the 824 transaction is used to reject an 810 Summary Invoice (Single Retailer), or an entire 820 or 568 transaction.
	Modified the usage attribute for the REF*12 segment (Utility Account Number) from Required to Conditional.
	Added REF*45 segment (Previous Utility Account Number).
	Added a REF*AJ segment (Utility Assigned Account Number for ESCO) to the N1 Loop for ESCO (N1=SJ) because this is a required segment in an 810 ESCO Summary Invoice in the Single Retailer model.
	Modified the OTI segment to reflect the revised purpose for an 824 transaction as follows: <ul style="list-style-type: none"> - Added code "TP" (Transaction Set Partial Accept/Reject) to OTI01. Modified note for code "TR" (Transaction Set Reject); - Modified the note for code "TN" (Transaction Reference Number) in OTI02 to expand the definition of reference number; - Added codes to the OTI10 element to list additional transactions.
	Modified the loop repeat on the OTI Loop from >1 to 1. An 824 transaction may be used to reject a single 248, 810 or 867 transaction which contains data for a single account. Although the 824 may also be used to reject a 248 or 820 transaction which may contain multiple accounts, a separate 824 transaction must be sent for each transaction being rejected. Accordingly, the 824 transaction should contain only a single occurrence of the OTI loop.
	Added REF*6O (Cross-Reference Number) in OTI loop.
	Added the following codes to the list of applicable error codes that may be sent in TED02: A84, A91, ABN, API, CRI, DIV, FRF, FRG, I76, OBW, SUM, TCN and TXI.
	Deleted the original "Field Descriptions" page and replaced it with an updated version.
	Revised the note for code "A76" sent in TED02 to indicate this code may not be used to reject an 810 ESCO Summary Invoice (Single Retailer).
	Revised the note for code "API" sent in TED02 to indicate that this code should be used to reject an 810 ESCO Summary Invoice that contains an invalid account number for the ESCO.
	Added a REF*PW (Prior Purchase Order Number) to return the Purchase Order Number sent in an 810 Invoice (Single Retailer only) when that Invoice is being rejected.
	Deleted text in the Front Matter Notes on 'Rejection' pertaining to instances in which an ESCO should not reject an 867 on an inactive account.
	Modified the 'Timeliness' Criterion in the Front Matter Notes to apply to all transactions which may be rejected.
	Expanded the scope of the 'Companion' documents referenced in the Front Matter Notes
	Deleted Front Matter Notes on '867 transactions on closed accounts'.

	Summary of Changes - continued
October 25, 2002	Version 1.2 Issued
	Added a new note to the Front Matter to clarify the use of action codes sent in the BGN08 element when the reason for rejecting an 810 Invoice is “OBW” (Outside Bill Window).
May 17, 2006	Version 1.3 Issued
	The Purpose section of the Front Matter Notes is revised to indicate that there are two 568-type transaction standards in New York.
	The Front Matter Notes on 'Rejection at the Account or Transaction Level' are revised to indicate that a separate 824 Application Advice is required for each 568 Accounts Receivable transaction but an 824 may be used to reject either an entire 568 Payment Advice or data for an individual account contained in a 568 Payment Advice transaction.
	The Transaction Set Notes are revised to separately list the 568 Payment Advise and 568 Accounts Receivable Advise Transaction Set Standards.
	The dates in the sample segments for the BGN and OTI segments are revised to reflect 2006 dates. Date information in the Implementation Guide examples is also revised to reflect 2006 dates.
	The notes for code 'TP' in the 01 element of the OTI segment is revised to indicate that this code may be used for rejecting information at the account level in a 568 Payment Advice transaction. The notes for the 03 element in the OTI segment are revised to separately list the 568 Payment and 568 Accounts Receivable Advise transactions.
	The notes for code 'A76' in the 02 element of the TED segment are revised to indicate that this code may only be used to reject information at the account level in a 568 Payment Advice transaction.
	The REF*PW (Purchase Order Number) segment notes are revised to remove references to RG&Es use of the Single Retailer Model.
July 24, 2015	Version 1.4 Issued
	<ul style="list-style-type: none"> • Replaced references to Marketer and E/M with ESCO • Utility specific notes are generalized, as appropriate, and designated for relocation to/reference within Utility Maintained EDI Guides, as necessary. • Updated references to the Purchase of Receivables model
June 30, 2016	Version 1.5 Issued
	<ul style="list-style-type: none"> • <u>Update to conditionality of REF Reference Identification (Previous Utility Customer Account Number) segment.</u>

	Notes pertaining to the use of this document
Purpose	<ul style="list-style-type: none"> • An 824 Application Advice is sent to communicate a negative response or error situation to the initiator of a transaction when an EDI transaction, other than an 814, cannot be processed by the recipients system. • In New York, an 824 Application Advice transaction may be used to reject the following EDI transactions: 248 (Account Assignment), 568 (Contract Management Report), 810 (Invoice), 820 (Payment Order/Remittance Advice), 867 HU (Consumption History/Gas Profile) or an 867 MU (Monthly Usage). • In New York there are separate implementation guides for the 568 standard governing communication of payment information in the Purchase of Receivables (POR) With Recourse Model (568 Payment Advisement) and the 568 standard governing communication of adjustments to customer accounts receivable (568 Accounts Receivable Advisement). • An 824 Positive Notification transaction is used following receipt of an 810 Invoice to confirm acceptance of the Invoice transaction and to report bill details from the consolidated bill issued to the customer. Instructions for the Positive Notification are contained in a separate Implementation Guide.
Cross referencing transactions	<ul style="list-style-type: none"> • The reference number from the transaction that is being rejected must be provided in the OTI segment of this transaction.
Rejection at the Account or Transaction Level	<ul style="list-style-type: none"> • A separate 824 transaction is required when a transaction is being rejected at the individual account level (Utility Account Number or Utility Assigned Account Number for ESCO). The 248, 810, 568 Accounts Receivable Advisement and 867 transactions contain data for a single account (one-to-one relationship) and therefore a separate 824 transaction is required for each transaction of this type that is being rejected. • A 568 Payment Advisement or 820 Remittance transaction may contain data for multiple accounts (one-to-many relationship). When an 824 is used to communicate rejection of data for an individual account contained within a 568 PA or 820 transaction, a separate 824 transaction is sent for each account being rejected. In these instances, the OTI segment must indicate that a partial rejection is being communicated (OTI01=TP). • An 824 transaction may also be used to reject an entire 568 PA or 820 transaction. When an entire 568 or 820 transaction is being rejected, the OTI segment must communicate that this is a transaction set reject (OTI01=TR).
Timeliness	<ul style="list-style-type: none"> • The 824 rejection should be returned within 1 business day of receipt of the original transaction being rejected.

<p>Action Codes</p>	<ul style="list-style-type: none"> • An action code is sent in the BGN segment to indicate to the receiver what action to take. Transactions will be resent or not based on the type of transaction, the relationship between the trading partners and the specific errors which created the need to send a rejection notice. The complexity of this transaction makes it difficult to articulate a standard approach with respect to when, or if, some information contained in the transaction that was rejected will be processed by the recipient anyway even though a rejection notice is being sent. The transactions that may be rejected via an 824 Application Advice transaction are all related to billing activities and the actions an individual recipient is expected to take regarding the data in a transaction that was rejected but will not be resent (BGN08=EV) should be documented in the Billing Services Agreement executed between the parties • When BGN08=82, the receiver is expected to correct the problem and re-send the underlying transaction. In these instances, the corrected transaction should be sent in 5 business days or less. • When BGN08=EV, the receiver is expected to evaluate the problem and make any necessary modifications to their system but the underlying transaction should not be resent. • Technical Error Description Code ‘OBW’ (Outside Bill Window) will be used to reject an 810 Invoice when the non-billing party billing information is not presented on the current bill because it was not received on time. The BGN08 element will be used to indicate the action the non-billing party is expected to take as follows: <ul style="list-style-type: none"> ➤ Code ‘EV’ will be used to indicate that the billing party will hold the billing information until the next bill window; the data should not be resent. ➤ Code ‘82’ will be used to indicate that the non-billing party must resubmit the billing data during the next billing cycle for that customer.
<p>Rejection Reasons</p>	<ul style="list-style-type: none"> • Rejections reasons are communicated by error codes sent in the TED segment and additional text to clarify the reason for rejection may be sent in an NTE segment. When the rejection reason is “A13” (Other), an NTE segment is required. Rejection Reason “A13” should be used only when use of other reject reasons would be misleading. A transaction rejected with reason code “A13” implies direct contact for manual follow-up is required unless the reason for the reject can be clearly determined from the originating transaction and information provided in the 824 Reject transaction. • The notes listed for each error code in the TED segment should be carefully reviewed since the use of some error codes is limited to the rejection of specific types of transactions.

<p>Definitions</p>	<ul style="list-style-type: none"> • The term Utility or LDC (Local Distribution Company) is used in this document to refer to the local gas or electric distribution company, i.e. the entity providing regulated bundled commodity service. The term ESCO is used in this document to refer to either a gas or electric supplier. The principal parties involved in this Transaction Set 814 implementation guide are: <ul style="list-style-type: none"> ➢ The end-use customer (Code 8R) ➢ The Utility (LDC) (Code 8S) ➢ The Supplier (ESCO) (Code SJ). • The term “monthly usage” or “monthly consumption” or references to the 867 MU pertain to current consumption as calculated by the Utility for billing. These transactions are sent when the customer is actually billed which may not necessarily coincide with “monthly” periods.
<p>Companion Documents</p>	<ul style="list-style-type: none"> • All of the applicable business rules for New York are not necessarily documented in this implementation guide. Accordingly, the applicable <i>Business Process Documents</i> relevant to the transactions that may be rejected via an 824 Application Advice transaction should be reviewed where further clarification is needed. Further information regarding the processing of EDI transactions may be found in the <i>Technical Operating Profile for Electronic Data Interchange in New York</i>.



Implementation Guideline Field Descriptions

Segment: **REF** Reference Identification (Utility Customer Account Number)
Position: 050
Loop:
Level: Heading
Usage: Optional (Must Use)
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 shows the X12 Rules for this segment but the Usage and Max Use fields will also reflect NY rules. For Usage, "Optional (Must Use)" means that this segment is Optional for X12, but is required in NY. "Optional (Dependent)" means Optional for X12, but use is conditional in NY. The grayboxes below should also be reviewed for additional NY Rules.

Notes: Required

This section displays the NY Rules for implementation of this segment.

Number assigned to the customer is used for present on all transactions.

This section displays the NY Rules for implementation of this segment.

REF~12~011231287654398

One or more examples.

Data Element Summary

	<u>Ref Des.</u>	<u>Data Element</u>	<u>Name</u>	
Mand.	REF01	128	Reference Identification Qualifier	12 Billing Account REF02 contains the Utility the customer.
Must Use	REF02	127	Reference Identification	Utility assigned customer account number The utility account number must be supplied with non-alphanumeric characters. (Characters added on a bill, for example, should be removed)

These columns show the X12 attributes for each data element:

M = Mandatory
 O = Optional
 X = Conditional

AN = Alphanumeric
 N# = Implied Decimal
 ID = Identification
 R = Real
 DT = Date (CCYYMMDD)

1/30 = Minimum 1, Maximum 30

This column documents differences between X12 and NY use for each data element:

Mand. (Mandatory) – Required by X12
 Must Use – Required by NY
 Cond. (Conditional)
 Optional

824 Application Advice

Functional Group ID=**AG**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

Notes:

This Implementation Guide documents the content and format for a TS824 Application Advice. In New York, this Guide defines the structure for the transaction that can be used to reject the following transactions:

- 867 - HU Consumption History/Gas Profile
- 867 - MU Monthly Usage
- 810 - Billing Invoice
- 820 - Payment Order/Remittance Advice
- 248 - Account Assignment/Inquiry and Service/Status
- 568 - Contract Payment Management Report (Accounts Receivable Advisement)
- 568 - Contract Payment Management Report (Payment Advisement)

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
3	010	ST	Transaction Set Header	M	1		
4	020	BGN	Beginning Segment	M	1		
LOOP ID - N1							1
5	030	N1	Name (ESCO)	O	1		
6	070	REF	Reference Identification (Utility Account Number for ESCO)	O	1		
LOOP ID - N1							1
7	030	N1	Name (Utility)	O	1		
LOOP ID - N1							1
8	030	N1	Name (Customer)	O	1		
9	070	REF	Reference Identification (Utility Account Number)	O	1		
10	070	REF	Reference Identification (Previous Utility Account Number)	O	1		

Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - OTI							>1
11	010	OTI	Original Transaction Identification	M	1		n1
13	020	REF	Reference Identification (Cross Reference Number)	O	1		
14	020	REF	Reference Identification (Purchase Order Number)	O	1		

			LOOP ID - TED		>1
15	070	TED	Technical Error Description	O	1
17	080	NTE	Note/Special Instruction	O	100
18	090	SE	Transaction Set Trailer	M	1
E - 1			Examples		

Transaction Set Notes

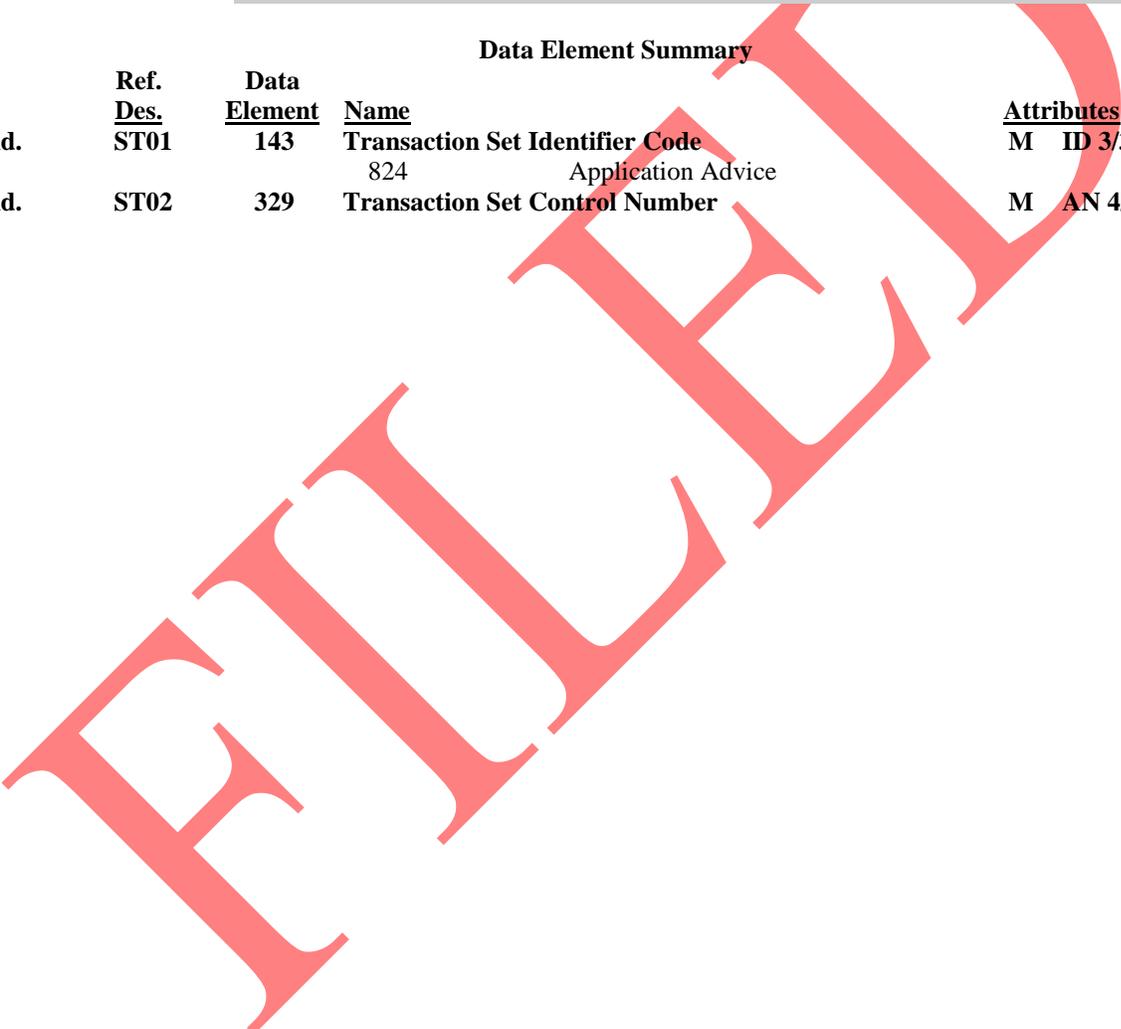
1. The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.

FILED

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Notes: Required
 ST~824~000000001

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	ST01	143	Transaction Set Identifier Code 824 Application Advice	M ID 3/3
Mand.	ST02	329	Transaction Set Control Number	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.

Notes: Required
 BGN~11~200611031353001~20061103~~~~EV

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	BGN01	353	Transaction Set Purpose Code 11 Response	M ID 2/2
Mand.	BGN02	127	Reference Identification A unique transaction identification number assigned by the originator of this transaction. This number should be unique over time.	M AN 1/30
Mand.	BGN03	373	Date The transaction creation date. This is the date that the data was processed by the sender's application system.	M DT 8/8
Must Use	BGN08	306	Action Code 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.	O ID 1/2

Segment: N1 Name (ESCO)
Position: 030
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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:
Notes:

Required
 N1~SJ~ESCONAME~1~123456789

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Mand.	N101	98	Entity Identifier Code SJ Service Provider Identifies name and address information as pertaining to a service provider for which billing is being rendered Identifies the ESCO participating in this transaction.	M ID 2/3
Optional	N102	93	Name Free Form ESCO Company Name Supplemental text information supplied, if desired, to provide "eyeball" identification of the ESCO. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.	X AN 1/60
Must Use	N103	66	Identification Code Qualifier 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 24 Employer's Identification Number Federal Tax ID	X ID 1/2
Must Use	N104	67	Identification Code The D-U-N-S number or the Federal Tax ID	X AN 2/80

Segment: **REF** Reference Identification (Utility Account Number for ESCO)
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Dependent)
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.

Notes: Conditional
 This segment is used to communicate an account number assigned by the Utility to the ESCO. This segment must be sent when the 824 transaction is being used to reject an 810 ESCO Summary Invoice in the Single Retailer model and may be sent, with the mutual agreement of the trading partners, when the 824 is being used to reject other transactions.
 REF~AJ~3134597

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier AJ Accounts Receivable Customer Account REF02 contains the Utility assigned account number for the ESCO	M ID 2/3
Must Use	REF02	127	Reference Identification Utility account number for the ESCO	X AN 1/30

Segment: N1 Name (Utility)
Position: 030
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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:
Notes:

Required
 N1~8S~UTILITYNAME~1~006994735

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Mand.	N101	98	Entity Identifier Code 8S Consumer Service Provider (CSP) Identifies the Utility participating in this transaction.	M ID 2/3
Optional	N102	93	Name Free Form Utility Company Name Supplemental text information that may be supplied to provide "eyeball" identification of the Utility. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.	X AN 1/60
Must Use	N103	66	Identification Code Qualifier 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 24 Employer's Identification Number Federal Tax ID	X ID 1/2
Must Use	N104	67	Identification Code The D-U-N-S number or the Federal Tax ID	X AN 2/80

Segment: **N1** Name (Customer)
Position: 030
Loop: N1 Optional (Dependent)
Level: Heading
Usage: Optional (Dependent)
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:
Notes: Conditional

The N1 (Customer) Loop must be sent in an 824 Application Advice transaction when it is used (1) to notify the other party of an error in an 820 or 568 transaction pertaining to an individual customer account or (2) to respond to either an 867 (Usage) or a 248 (Assignment) transaction, or (3) to respond to an 810 Invoice transaction other than an ESCO Summary Invoice (used only by Single Retailer).

When an N1 Loop is sent, an N1 segment is required.

N1~8R~MARY SMITH

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	N101	98	Entity Identifier Code 8R Consumer Service Provider (CSP) Customer Identify the end use customer targeted by this transaction.	M ID 2/3
Must Use	N102	93	Name Customer name or the literal "NAME". A customer's name may be provided, by mutual agreement of the trading partners, to provide "eyeball" identification of the customer involved in the transaction.	X AN 1/60

Segment: **REF** Reference Identification (Utility Account Number)

Position: 070

Loop: N1 Optional (Dependent)

Level: Heading

Usage: Optional (Dependent)

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.

Notes: Conditional

This segment is not used when an 824 is being sent to reject an entire 568 or 820 transaction OR when an 824 is being used to reject an 810 ESCO Summary Invoice (Single Retailer). This segment is required in all other instances.

REF~12~011231287654398

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 12 Billing Account REF02 is the Utility-assigned account number for the customer	M ID 2/3
Must Use	REF02	127	Reference Identification The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30

Segment: **REF** Reference Identification (Previous Utility Account Number)

Position: 070

Loop: N1 Optional (Dependent)

Level: Heading

Usage: Optional (Dependent)

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.

Notes: Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), ~~This~~ this segment must be sent on Utility initiated transactions when the utility account number for the customer has changed in the last 90 days. It is not used when rejecting an 810 ESCO Summary Invoice (Single Retailer Model) or an entire 568 or 820 transaction.

REF~45~011231287655403

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 45 Old Account Number REF02 contains the utility's previous account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification Previous utility account number. Numbers must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30

Segment: **OTI** Original Transaction Identification

Position: 010
Loop: OTI Mandatory
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:** 1 If OTI09 is present, then OTI08 is required.
- Semantic Notes:**
- 1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.
 - 2 OTI06 is the group date.
 - 3 OTI07 is the group time.
 - 4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
 - 5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.
 - 6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.
 - 7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.
 - 8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.
 - 9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.
 - 10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.

Notes: Required

OTI~TR~TN~200610151400010~~~~~867
 OTI~TP~TN~200606251301001~~~~~820

Data Element Summary

Ref.	Data Element	Name	Attributes
Mand.	OTI01	110 Application Acknowledgment Code	M ID 1/2
		TP Transaction Set Partial Accept/Reject	Used only when an individual account sent in either an 820 or a 568 Payment Advice transaction is being rejected.
		TR Transaction Set Reject	Used to reject an entire transaction. Applicable for the 248, 568, 810, 820 and 867 transactions.
Mand.	OTI02	128 Reference Identification Qualifier	M ID 2/3
		TN Transaction Reference Number	Code indicating OTI03 contains the reference number from the original transaction being rejected.

Mand.	OTI03	127	Reference Identification	M AN 1/30
This is the reference number from the original transaction that is being rejected by this 824 advice. This element should be populated from the following data elements for the applicable transaction:				
248 - BHT03				
568PA - BGN02				
568AR - BGN02				
810 - BIG02				
820 - TRN02				
867 - BPT02				

Must Use	OTI10	143	Transaction Set Identifier Code	O ID 3/3
Indicates the type of transaction that is being rejected.				
248 Account Assignment/Inquiry and Service/Status				
568 Contract Payment Management Report				
810 Invoice				
820 Payment Order/Remittance Advice				
867 Product Transfer and Resale Report				

FILLED

Segment: **REF** Reference Identification (Cross Reference Number)

Position: 020

Loop: OTI Mandatory

Level: Detail

Usage: Optional (Dependent)

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.

Notes: Conditional

This segment must be sent when the 824 is being used to reject an 810 Invoice transaction EXCEPT when the 810 Invoice is either an 810 EURC Calendar Month Estimate Invoice (Single Retailer) or an 810 ESCO Summary Invoice (Single Retailer).

REF~6O~2048392934504

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 6O Cross Reference Number REF02 contains the cross reference number from the BIG05 element in the 810 transaction being rejected.	M ID 2/3
Must Use	REF02	127	Reference Identification The Cross Reference number sent in BIG05 in the 810 transaction that is being rejected.	X AN 1/30

Segment: **REF** Reference Identification (Purchase Order Number)

Position: 020

Loop: OTI Mandatory

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.

Notes: Conditional

The Purchase Order Number may be sent in 810 Invoices in the Single Retailer model and should be returned in the 824 transaction rejecting an invoice transaction if the number was present in the 810 Invoice transaction. This number should be present in the following invoice transactions:

810 EURC Calendar Month Estimate Invoice
810 ESCO Summary Invoice

REF~PW~0023456789

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier PW Prior purchase order number REF02 contains the Purchase Order Number sent in the 810 Invoice being rejected.	M ID 2/3
Optional	REF02	127	Reference Identification This is the number sent in the BIG04 element of the 810 EURC Calendar Month Estimate Invoice or the 810 ESCO Summary Invoice.	X AN 1/30

Segment: **TED** Technical Error Description
Position: 070
Loop: TED Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:
Semantic Notes:
Notes: At least one TED segment loop is required.

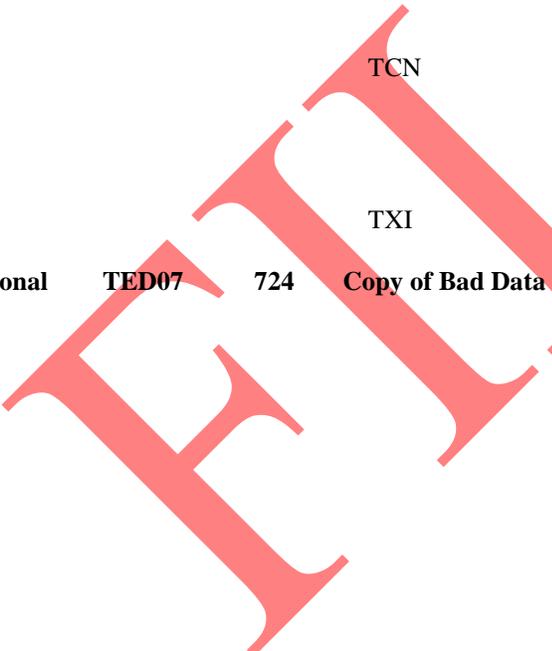
TED~848~A13

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	TED01	647	Application Error Condition Code 848 Incorrect Data	M ID 1/3
Must Use	TED02	3	Free Form Message A13 Other (See Explanation in NTE*ADD) This code is applicable when the 824 is being used to reject a 248, 568, 810, 820 or 867 transaction but must be accompanied by text clarifying the reason for the rejection (sent in an NTE segment). A76 Utility Account Invalid or Not Found This code is applicable when the 824 is used to reject data sent at the individual account level in a 248, 810, or 867, 568 Payment Advice or 820. This code should not be used to reject an 810 ESCO Summary Invoice (Single Retailer). A84 Invalid Relationship Supplier is not supplier of record. For example, an 867 transaction is received for a customer account that is not active with the recipient; an 820 Remittance contains a payment for an account that is not active with the recipient, etc. This code may be used to reject an 810, 820, 248 or 867 transaction. A91 Account Does Not Have Service Requested The transaction received does not reflect the correct commodity type e.g. an 867 transaction contains gas consumption but the commodity indicated in the LIN was electric. This code may be used to reject a 248, 568, 810, 820 or 867 transaction. ABN Duplicate Received May be used to reject a 248, 568, 810, 820 or 867. API Required Information Missing May be used to reject a 248, 568, 810 or 820 transaction. This code must be used to reject an 810 ESCO Summary Invoice transaction when the account number required to be sent in a REJ*AJ segment is missing or invalid. CRI Cross Reference Number Invalid The cross reference number provided on an 810 does not match the cross reference number on an open 867. May only be used to reject an 810 Invoice.	O AN 1/60

DIV	Invalid or missing date May only be used to reject a 248, 568, 810 or 820 transaction.
FRF	Bill Type Mismatch ESCO and Utility do not have the same bill type and an 810 was received in error. BGN08 must equal EV when this code is sent. This code may not be used when rejecting an 810 Invoice in the Single Retailer model.
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 equal EV when this code is sent. This code may not be used when rejecting an 810 Invoice transaction in the Single Retailer model.
I76	Invoice Number Invalid or Missing May be used to reject a 248, 810 or 820 transaction.
OBW	Outside Bill Window Used to reject an 810 that was received outside of the billing window. The code sent in the BGN segment will indicate whether the recipient of the rejection notice is expected to resend the 810 Invoice (BGN08=82) or the Invoice should not be resent (BGN08=EV) because the billing party will hold the data for presentation on a subsequent consolidated bill. This code is only applicable to the Bill Ready model.
SUM	Sum of Details Does Not Equal Total May be used to reject a 248, 568, 810 or 820 transaction.
TCN	Total Charges Negative May be used to reject an 820 Remittance transaction when the amount in BPR02 is negative and the recipient has not agreed to accept negative remittance transactions.
TXI	Invalid TXI Information May be used to reject an 810 transaction.

Optional TED07 724 Copy of Bad Data Element O AN 1/99



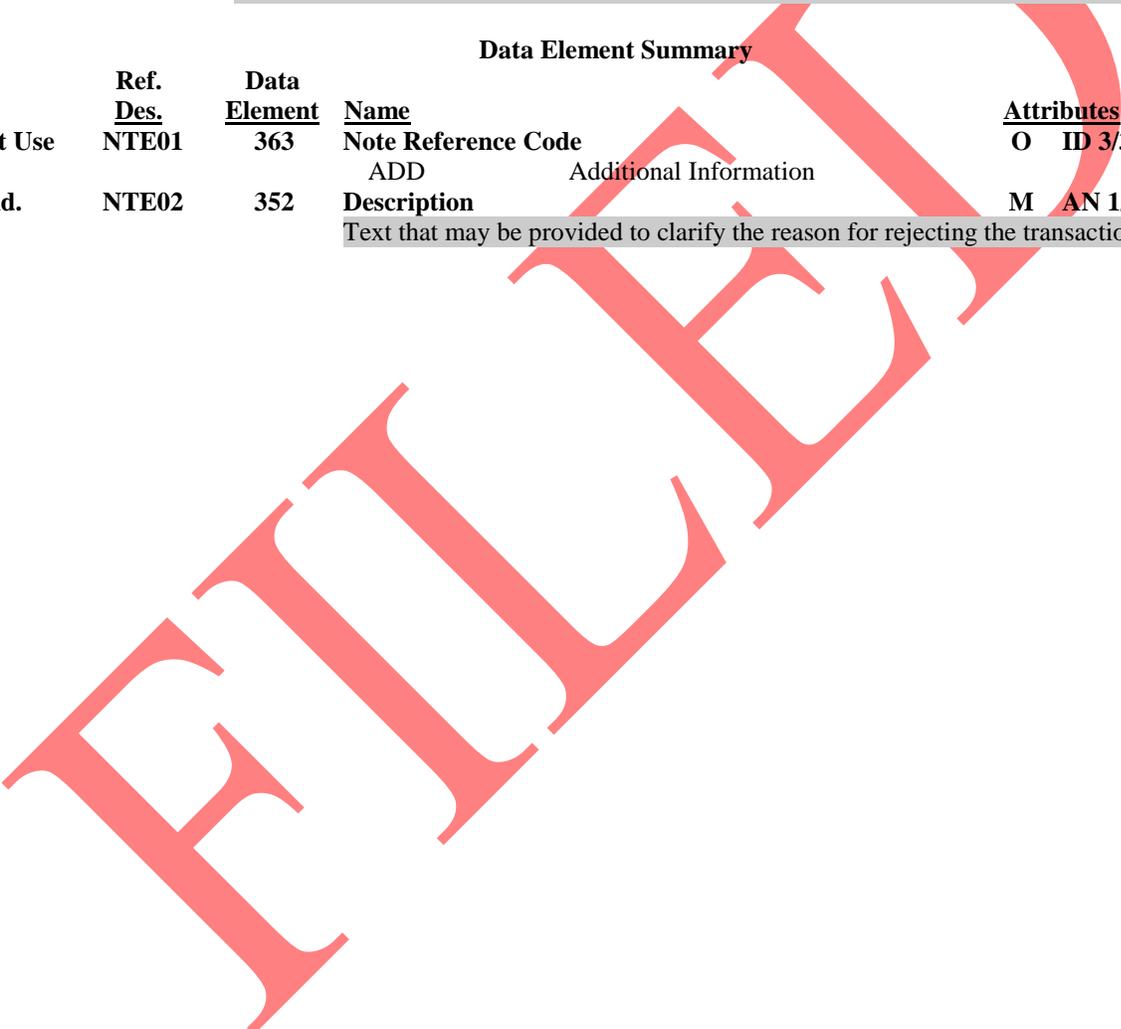
Segment: **NTE** Note/Special Instruction
Position: 080
Loop: TED Optional (Must Use)
Level: Detail
Usage: Optional (Dependent)
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:
Semantic Notes:
Notes: Conditional

This segment must be sent when TED02=A13, otherwise it is optional.

NTE~ADD~GAS USAGE SENT IN ERROR

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	NTE01	363	Note Reference Code ADD Additional Information	O ID 3/3
Mand.	NTE02	352	Description Text that may be provided to clarify the reason for rejecting the transaction.	M AN 1/80



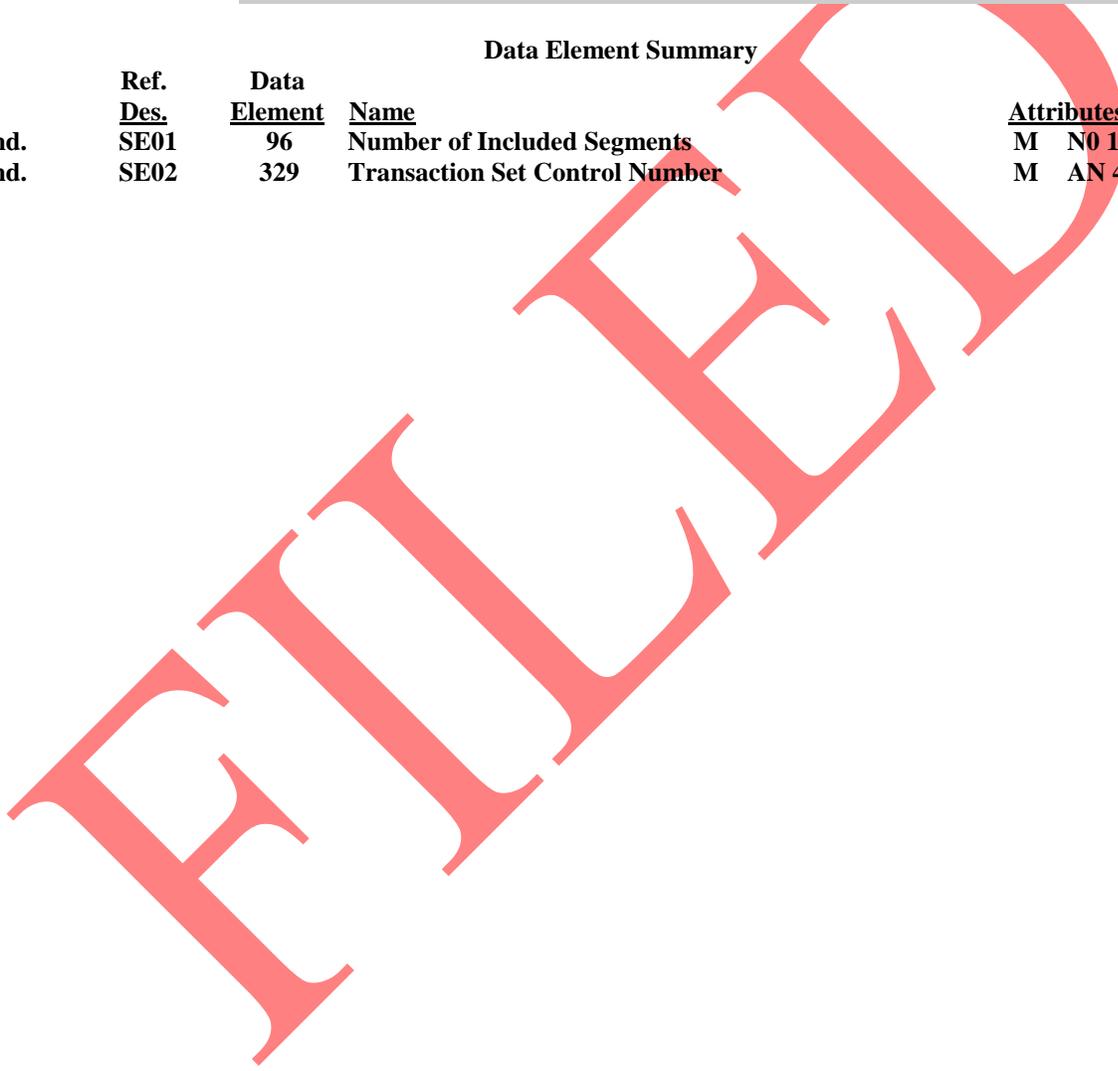
Segment: **SE** Transaction Set Trailer
Position: 090
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:
Semantic Notes:
Notes:

Required
 SE~15~000000001

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	SE01	96	Number of Included Segments	M NO 1/10
Mand.	SE02	329	Transaction Set Control Number	M AN 4/9



EXAMPLES

These examples are presented for illustrative purposes only. Although they are syntactically correct with respect to the published transaction standard for TS824 Application Advice, it should be understood that these examples reflect certain assumptions regarding optional and conditional data segments in this standard. Accordingly, these examples are not necessarily indicative of the manner in which a specific Utility or ESCO would map a specific transaction.

Scenario 1 –Rejection of an 867 with Rejection Reason “Other” Sent by ESCO to Utility

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*200611031353001*20060615*****82!	Transaction is a Response; Unique id number for this transaction; transaction creation date
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*CENTRAL HUDSON*1*006123456!	Utility Name and DUNS number
N1*8R*WL SMITH INDUSTRIAL WAREHOUSE!	Customer Name
REF*12*6624061503!	Utility assigned account number for this customer
OTI*TR*TN*200610151301001*****867!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 867
TED*848*A13!	Rejection Reason Code
NTE*ADD*DATES DON'T MATCH METER CYCLE PERIODS!	Additional text explanation of rejection reason
SE*10*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

Scenario 2 –Rejection of an 810 Invoice for Incorrect Sum This example could be sent by either party

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TR*TN*810465987910*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
REF*60*867001504!	Cross Reference Number
TED*848*SUM!	Rejection Reason Code
NTE*ADD*TOTAL IN TDS IS \$50.00 BUT TOTAL OF SAC AND TXI SEGMENTS IS \$48.50!	Additional text explanation of rejection reason
SE*11*000001!	Transaction Set trailer; segment count; control number

Scenario 3 –Rejection of an 810 Invoice for a Missed Bill Window
This example could be sent by either party in the Bill Ready Scenario

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20020702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TR*TN*810465987910*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
REF*6O*867001504!	Cross Reference Number
TED*848*OBW!	Rejection Reason Code
NTE*ADD*THE BILL WINDOW CLOSED AT 5:00 PM 07-01-2002.!	Additional text explanation of rejection reason
NTE*ADD*PLEASE RESUBMIT THIS INFORMATION NEXT MONTH!	Additional text explanation of rejection reason
SE*12*000001!	Transaction Set trailer; segment count; control number

Scenario 4 –Rejection of an 810 Invoice for a Bill Type and Bill Calculator Mismatch
Sent by ESCO to Utility

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****EV!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Evaluate indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TR*TN*810465987910*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
REF*6O*867001504!	Cross Reference Number
TED*848*FRF!	Rejection Reason Code (Bill Type Mismatch)
NTE*ADD*INVALID BILL TYPE!	Additional text explanation of rejection reason
NTE*ADD*THE BILL TYPE SENT IN THE 810 WAS UTILITY RATE READY!	Additional text explanation of rejection reason
NTE*ADD*ACCOUNT SHOULD BE DUAL BILL!	Additional text explanation of rejection reason
TED*848*FRG!	Rejection Reason Code (Bill Calculator Mismatch)
NTE*ADD*INVALID BILL CALCULATOR!	Additional text explanation of rejection reason
SE*15*000001!	Transaction Set trailer; segment count; control number

**Scenario 5 –Rejection of an 810 Invoice for a Supplier Not Supplier of Record
Sent by Utility to ESCO**

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TR*TN*810465987910*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
REF*6O*867001504!	Cross Reference Number
TED*848*A84!	Rejection Reason Code (Invalid Relationship)
NTE*ADD*SUPPLIER NOT SUPPLIER OF RECORD!	Additional text explanation of rejection reason
SE*11*000001!	Transaction Set trailer; segment count; control number

**Scenario 6 –Rejection of an 810 Invoice for a Invalid Utility Account Number for the ESCO
Sent by the ESCO in the Single Retailer Model to reject the ESCO Summary Invoice**

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NATIONAL FUEL*1*987693210!	Utility Name and DUNS number
N1*8R*NAME!	Literal “NAME” required in order to use the REF*AJ segment below.
REF*AJ*3456456789!	Utility account number for the ESCO
OTI*TR*TN*810465987910*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
TED*848*API!	Rejection Reason Code (Required Information Missing)
NTE*ADD*INVALID UTILITY ACCOUNT NUMBER FOR THE ESCO!	Additional text explanation of rejection reason
SE*10*000001!	Transaction Set trailer; segment count; control number

Scenario 7 –Partial Rejection of 820 Remittance for multiple invalid account numbers
Note that in the event of multiple accounts being rejected, multiple 824s must be sent
This example could be sent by either party

824 for first account number

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*CONSOLIDATED EDISON*1*987693210!	Utility Name and DUNS number
N1*8R*NAME!	Literal 'NAME' required to populate the REF segment below.
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TP*TN*CP1031954108 20060501001 *****820!	Indicates action is a Transaction Set Partial Reject ; reference number from original transaction; original transaction was an 820
TED*848*A76!	Rejection Reason Code (Utility Account Invalid or Not Found)
NTE*ADD*ACCOUNT NOT FOUND!	Additional text explanation of rejection reason
SE*10*000001!	Transaction Set trailer; segment count; control number

824 for second account number

ST*824*000002!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930204*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*CONSOLIDATED EDISON*1*987693210!	Utility Name and DUNS number
N1*8R*NAME!	Literal 'NAME' required to populate the REF segment below.
REF*12*45679879543!	Utility assigned account number for the customer
OTI*TP*TN*CP1031954108 20060501001 *****820!	Transaction Set Partial Reject ; Transaction reference number of the rejected transaction; transaction set type of the rejected transaction
TED*848*A76!	Rejection Reason Code (Utility Account Invalid or Not Found)
NTE*ADD*ACCOUNT NOT FOUND!	Additional text explanation of rejection reason
SE*10*000002!	Transaction Set trailer; segment count; control number

Scenario 8 –Rejection of an Entire 820 Remittance for Incorrect Sum

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
OTI*TR*TN* CP1031954108 20060501001 *****820!	Transaction Set Reject ; Transaction reference number of the rejected transaction; transaction set type of the rejected transaction
TED*848*SUM!	Rejection Reason Code (Sum of Details Does Not Equal Total)
NTE*ADD*BPR02 IS 3258.29 BUT TOTAL OF RMR04S IS 3248.50!	Additional text explanation of rejection reason
SE*8*000001!	Transaction Set trailer; segment count; control number

Scenario 9 –Rejection of a 248 Account Assignment for Invalid Account Number

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20060702*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456456789!	Utility assigned account number for the customer
OTI*TR*TN*248465987910*****248!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 248
TED*848*A76!	Rejection Reason Code (Utility Account Invalid or Not Found)
SE*9*000001!	Transaction Set trailer; segment count; control number

New York Implementation Standard

For

Standard Electronic Transactions

TRANSACTION SET

824

Positive Notification
Ver/Rel 004010

	Summary of Changes
October 25, 2002	Initial Release
July 24, 2015	Version 1.1
	<ul style="list-style-type: none"> Replaced references to Marketer and E/M with ESCO.
<u>June 30, 2016</u>	<u>Version 1.2</u>
	<ul style="list-style-type: none"> <u>Update to conditionality of REF Reference Identification (Previous Utility Customer Account Number) segment.</u>

FILED

	Notes pertaining to the use of this document
Purpose	<ul style="list-style-type: none"> • In New York, an 824 Positive Notification transaction is used by the billing party to notify the non-billing party of billing information presented in the customer’s consolidated bill. The use of this transaction is limited to scenarios in which a consolidated bill is rendered using the Bill Ready model. In that model, an 824 Positive Notification transaction is sent by the billing party following receipt, processing and acceptance of an 810 Invoice from the non-billing party and presentation of the customer’s consolidated bill. • When an 810 Invoice sent by the non-billing party is rejected, the billing party will send an 824 Application Advice to notify the non-billing party. Please refer to <i>the Implementation Guide for the 824 Application Advice</i> and the <i>Notification Advice for Consolidated Billing Business Processes – Bill Ready Models</i> for more detailed information regarding processes associated with rejection of an 810 Invoice in the Bill Ready model.
Timeliness	<ul style="list-style-type: none"> • The 824 Positive Notification will be issued on the same date that the consolidated bill is created.
Validation	<ul style="list-style-type: none"> • The Utility assigned account number for the customer is used for validation and must be present in all transactions.
Cross referencing transactions	<ul style="list-style-type: none"> • The reference number from the 810 Invoice transaction(s) must be provided in the OTI03 element in the OTI segment of this transaction.
OTI Loop	<ul style="list-style-type: none"> • One OTI Loop must be sent for each accepted 810 Invoice. • Each OTI Loop will contain a Cross Reference Number for the accepted 810 Invoice and segments for transmitting the following bill information from the consolidated bill presented to the customer: Total Payments Applied (AMT), Payment Applied Through Date (DTM), Total Amount Due (AMT), and Payment Due Date (DTM). • All bill information provided pertains to information presented in the non-billing party’s detail section of the consolidated bill.

<p>Response to Multiple 810 Invoices Received During a Bill Window</p>	<ul style="list-style-type: none"> • When an 810 Invoice previously sent was rejected and bill information must be resent during a subsequent bill window, the non-billing party may send a <i>single</i> 810 Invoice that contains charges for the prior period and the current period or two 810 Invoices – one for the prior period and one for the current period. • When a billing party receives more than one 810 Invoice for a customer during a bill window and each invoice is for a different bill period, the billing party may either present amounts from <u>each</u> invoice in separate bills or present all amounts in a single bill. • When the billing party has accepted multiple 810 Invoices for the same account and service during a bill window, the billing party may respond by sending either a single 824 Positive Notification that references all accepted 810 Invoices or a separate 824 Positive Notification transaction for each Invoice. • When multiple 810 Invoices are received and accepted for the same account during a bill window and the billing party will present amounts from each 810 Invoice in separate bills, a separate Positive Notification transaction must be sent for each 810 Invoice. • When a <u>single</u> consolidated bill contains bill information from multiple 810 Invoices and the billing party will send separate 824 Positive Notification transactions for each 810 Invoice, the bill information in each Notification transaction (i.e. total payments applied, applied through date, payment due date and total amount due) will be the same.
<p>One account</p>	<ul style="list-style-type: none"> • Each transaction may reference only one customer account.

<p>Total Amount Due (AMT*BD)</p>	<ul style="list-style-type: none"> • The AMT*BD segment will contain the sum of the customer's outstanding balance (which may be zero) plus the current period's charges/credits as presented by the billing party in the non-billing party's detail section of the customer's consolidated bill. • The amount that is sent in this segment may NOT represent the total outstanding balance for a customer. • For customers on consolidated billing that are billed on a budget plan for the non-billing party's charges, the Total Amount Due will include the current periods budget amount(s) sent in the 810 Invoice that were coded as "Charge" items plus any other outstanding charges that were presented on the non-billing party's detail section of the customer's consolidated bill. Budget plan amounts sent in the 810 Invoice for bill presentation purposes should not be included in the 'Total Amount Due' segment.
<p>Definitions</p>	<ul style="list-style-type: none"> • The term Utility or LDC (Local Distribution Company) is used in this document to refer to the local gas or electric distribution company, i.e. the entity providing regulated bundled commodity service. The term ESCO is used in this document to refer to either electric suppliers or gas marketers. The principal parties involved in this Transaction Set 824 implementation guide are: <ul style="list-style-type: none"> • The end-use customer (Code 8R) • The Utility (LDC) (Code 8S) • The Supplier (ESCO) (Code SJ).
<p>Companion Documents</p>	<ul style="list-style-type: none"> • All of the applicable business rules for New York are not necessarily documented in this implementation guide. Accordingly, the following documents should be reviewed where further clarification is needed: <ul style="list-style-type: none"> ➤ <i>Notification Advice Billing Business Processes- Bill Ready Models</i> ➤ <i>Consolidated Billing Business Processes - Utility Bill Ready</i> ➤ <i>TS824 Application Advice Implementation Guide.</i> • Further information regarding the processing of EDI transactions may be found in the <i>Technical Operating Profile for Electronic Data Interchange in New York and its various supplements.</i>

Implementation Guideline Field Descriptions

Segment: **REF** Reference Identification (Utility Customer Account Number)
Position: 050
Loop:
Level: Heading
Usage: Optional (Must Use)
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 shows the X12 Rules for this segment but the Usage and Max Use fields will also reflect NY rules. For Usage, "Optional (Must Use)" means that this segment is Optional for X12, but is required in NY. "Optional (Dependent)" means Optional for X12, but use is conditional in NY. The grayboxes below should also be reviewed for additional NY Rules.

Notes: Required

This section displays the NY Rules for implementation of this segment.

number assigned to the customer is used for
 be present on all transactions.

This section displays the NY Rules for implementation of this segment.

REF~12~011231287654398

One or more examples.

Data Element Summary

	<u>Ref Des.</u>	<u>Data Element</u>	<u>Name</u>	
Mand.	REF01	128	Reference Identification Qualifier	12 Billing Account REF02 contains the Utility the customer.
Must Use	REF02	127	Reference Identification	Utility assigned customer account number The utility account number must be supplied with non-alphanumeric characters. (Characters added on a bill, for example, should be removed)

These columns show the X12 attributes for each data element:

M = Mandatory
 O = Optional
 X = Conditional

AN = Alphanumeric
 N# = Implied Decimal
 ID = Identification
 R = Real
 DT = Date (CCYYMMDD)

1/30 = Minimum 1, Maximum 30

This column documents differences between X12 and NY use for each data element:

Mand. (Mandatory) – Required by X12
 Must Use – Required by NY
 Cond. (Conditional)
 Optional

824 Positive Notification

Functional Group ID=**AG**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment.

Notes:

This Implementation Guide documents the content and format for the TS824 Positive Notification. In New York, use of the 824 Positive Notification transaction is limited to scenarios in which a consolidated bill is rendered (by either a Utility or an ESCO) using the Bill Ready model. For that model, the billing party will use the Positive Notification to notify the non-billing party when bill information sent in an 810 Invoice is accepted and has been presented in the consolidated bill issued to the customer. This transaction is sent following billing party receipt of an 810 Invoice from the non-billing party, the processing of that transaction and the rendering of the customer's bill.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	BGN	Beginning Segment	M	1		
						LOOP ID - N1	1
5	030	N1	Name (ESCO)	O	1		
						LOOP ID - N1	1
6	030	N1	Name (Utility)	O	1		
						LOOP ID - N1	1
7	030	N1	Name (Customer)	O	1		
8	070	REF	Reference Identification (ESCO Customer Account Number)	O	1		
9	070	REF	Reference Identification (Utility Account Number)	O	1		
10	070	REF	Reference Identification (Previous Utility Account Number)	O	1		
11	070	REF	Reference Identification (Utility Account Number for the ESCO)	O	1		

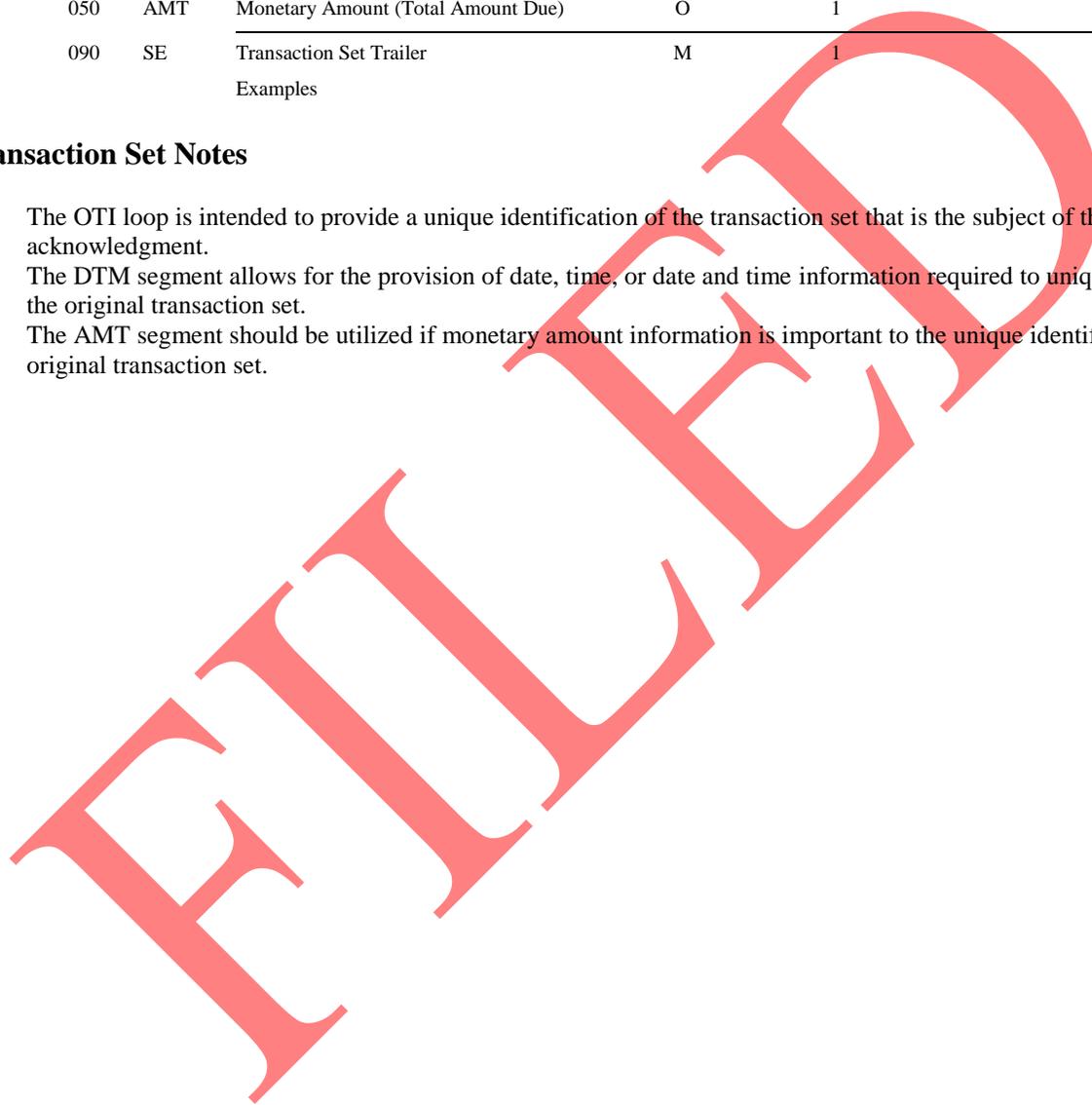
Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - OTI			>1	
12	010	OTI	Original Transaction Identification	M	1		n1
14	020	REF	Reference Identification (Cross Reference Number)	O	1		
15	030	DTM	Date/Time Reference (Payments Applied Through Date)	O	1		
16	030	DTM	Date/Time Reference (Payment Due Date)	O	1		
17	050	AMT	Monetary Amount (Total Payments Applied)	O	1		
18	050	AMT	Monetary Amount (Total Amount Due)	O	1		
19	090	SE	Transaction Set Trailer	M	1		

E - 1 Examples

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 DTM segment allows for the provision of date, time, or date and time information required to uniquely identify the original transaction set.
3. The AMT segment should be utilized if monetary amount information is important to the unique identification of the original transaction set.



Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Comments:
Notes: Required
 ST~824~000000001

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Mand.	ST01	143	Transaction Set Identifier Code 824 Application Advice	M ID 3/3
Mand.	ST02	329	Transaction Set Control Number	M AN 4/9

Identifying control number assigned by the originator of a transaction set. This identifier must be unique for each transaction set within a functional group.

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:

Notes:

Required
 BGN~11~200211031353001~20021103~~~~CF

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	BGN01	353	Transaction Set Purpose Code 11 Response	M ID 2/2
Mand.	BGN02	127	Reference Identification	M AN 1/30
			A unique transaction identification number assigned by the originator of this transaction. This number should be unique over time.	
Mand.	BGN03	373	Date	M DT 8/8
			The transaction creation date. This is the date that the data was processed by the sender's application system. This date is synonymous with the date of bill preparation.	
Must Use	BGN08	306	Action Code CF Confirm	O ID 1/2
			Indicates that the amounts provided in the 810 Invoice identified in OTI03 were presented on the customer's bill.	

Segment: **N1** Name (ESCO)
Position: 030
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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.

Notes: Required
 N1~SJ~ESCONAME~1~123456789

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	N101	98	Entity Identifier Code SJ Service Provider Identifies the ESCO participating in this transaction.	M ID 2/3
Optional	N102	93	Name Free Form ESCO Company Name Supplemental text information supplied, if desired, to provide "eyeball" identification of the ESCO. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.	X AN 1/60
Must Use	N103	66	Identification Code Qualifier 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 24 Employer's Identification Number Federal Tax ID	X ID 1/2
Must Use	N104	67	Identification Code The D-U-N-S number or the Federal Tax ID	X AN 2/80

Segment: **N1** Name (Utility)
Position: 030
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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.

Notes: Required
 N1~8S~UTILITYNAME~1~006994735

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	N101	98	Entity Identifier Code 8S Consumer Service Provider (CSP) Identifies the Utility participating in this transaction.	M ID 2/3
Optional	N102	93	Name Free Form Utility Company Name Supplemental text information that may be supplied to provide "eyeball" identification of the Utility. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.	X AN 1/60
Must Use	N103	66	Identification Code Qualifier 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 24 Employer's Identification Number Federal Tax ID	X ID 1/2
Must Use	N104	67	Identification Code The D-U-N-S number or the Federal Tax ID	X AN 2/80

Segment: **N1** Name (Customer)
Position: 030
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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.

Notes: Required

When an N1 Loop is sent, an N1 segment is required. The N1 (Customer) loop contains a REF segment for transmitting the Utility account number assigned to the customer. The account number is used for validation and must be present in all transactions.

N1~8R~MARY SMITH
 N1~8R~NAME

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	N101	98	Entity Identifier Code 8R Consumer Service Provider (CSP) Customer Identifies the end use customer targeted by this transaction.	M ID 2/3
Must Use	N102	93	Name Customer name or the literal "NAME" A customer's name may be provided, by mutual agreement of the trading partners, to provide "eyeball" identification of the customer involved in the transaction.	X AN 1/60

Segment: **REF** Reference Identification (ESCO Customer Account Number)
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Optional
 REF~11~A12345009Z

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 11 Account Number REF02 is the ESCO assigned account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification ESCO's assigned account number for the customer.	X AN 1/30

Segment: **REF** Reference Identification (Utility Account Number)
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Required

The Utility account number assigned to the customer is used for validation and must be present in all transactions.
 REF~12~011231287654398

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 12 Billing Account	M ID 2/3

REF02 is the Utility-assigned account number for the customer

Must Use	REF02	127	Reference Identification Utility assigned customer account number	X AN 1/30
----------	-------	-----	--	-----------

The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)

Segment: **REF** Reference Identification (Previous Utility Account Number)
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), ~~This~~ ~~this~~ segment must be sent on Utility initiated transactions when the utility account number for the customer has changed in the last 90 days.

REF~45~011231287655403

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 45 Old Account Number REF02 contains the utility's previous account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification Previous utility account number Numbers must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30

Segment: **REF** Reference Identification (Utility Account Number for the ESCO)
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Optional

An account number assigned to the ESCO by the Utility.
 REF~AJ~394584752

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier AJ	M ID 2/3 Accounts Receivable Customer Account
				REF02 contains the Utility Account number for the ESCO
Must Use	REF02	127	Reference Identification	X AN 1/30
				This is the Utility assigned account number for the ESCO.

Segment: **OTI Original Transaction Identification**

Position: 010
Loop: OTI Mandatory
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: 1 If OTI09 is present, then OTI08 is required.
Semantic Notes: 1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.

- 2 OTI06 is the group date.
- 3 OTI07 is the group time.
- 4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
- 5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.
- 6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.
- 7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.
- 8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.
- 9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.
- 10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.

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, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.
 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Notes: Required
 When a billing party has received and accepted more than one 810 Invoice transaction for the same customer during a bill window, the billing party may respond by sending one 824 Positive Notification transaction that references each accepted Invoice in separate OTI loops or an 824 Positive Notification transaction for each accepted Invoice.
 OTI~TA~TN~200210151400010~~~~~810

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	OTI01	110	Application Acknowledgment Code TA Transaction Set Accept	M ID 1/2
			Used to indicate that billing information sent in the 810 Invoice transactions has been accepted and presented on the customer's bill.	
Mand.	OTI02	128	Reference Identification Qualifier TN Transaction Reference Number	M ID 2/3
			Code indicating OTI03 contains the reference number from the original 810 transaction	

Mand.	OTI03	127	Reference Identification	M AN 1/30
			This is the reference number from the original transaction, populated from the BIG02 of the respective 810.	
Must Use	OTI10	143	Transaction Set Identifier Code	O ID 3/3
			810 Invoice	

FILED

Segment: **REF** Reference Identification (Cross Reference Number)
Position: 020
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Required
 REF~6O~2048392934504

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 60 Cross Reference Number REF02 contains the cross reference number from the BIG05 element in the 810 transaction.	M ID 2/3
Must Use	REF02	127	Reference Identification Cross reference number	X AN 1/30

Segment: **DTM** **Date/Time Reference (Payments Applied Through Date)**
Position: 030
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
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:

Notes:

Required
 DTM~311~20021212

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	DTM01	374	Date/Time Qualifier 311 Latest Receiving Date/Cutoff Date Payments applied up to and including the date provided in DTM02 were presented on the customer's consolidated bill for this period. Any payments applied after this date will be presented on the customer's next bill.	M ID 3/3
Must Use	DTM02	373	Date Date in CCYYMMDD format	X DT 8/8

Segment: **DTM** Date/Time Reference (Payment Due Date)
Position: 030
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
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:

Notes:

Required
 DTM~814~20030102

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	DTM01	374	Date/Time Qualifier 814 Payment Due Date	M ID 3/3
			DTM02 indicates the date that payment on the consolidated bill is due from the customer. This date is determined by the utility.	
Must Use	DTM02	373	Date Date in CCYYMMDD format	X DT 8/8

Segment: **AMT** Monetary Amount (Total Payments Applied)
Position: 050
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Required
 AMT~AAD~175.26

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	AMT01	522	Amount Qualifier Code AAD	M ID 1/3
			Application Amount	
			AMT02 is the total of all payments received by the billing party and allocated to the non-billing party as presented on the customer's consolidated bill. AMT02 includes amounts received by the non-billing party and subsequently reported in a PAM segment in the 810 Invoice transactions.	
Mand.	AMT02	782	Monetary Amount	M R 1/18
			Total payments applied to the non-billing party's charges.	
			This element is a real number. Real numbers are assumed to be positive numbers and a minus (-) sign must precede the amount when a negative number is being sent. Real numbers do NOT provide for an implied decimal position; a decimal point must be sent when decimal precision is required. When transmitting a real number it is not necessary, but is acceptable, to transmit insignificant digits such as leading and/or trailing zeros.	

Segment: **AMT** Monetary Amount (Total Amount Due)
Position: 050
Loop: OTI Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Required
 AMT~BD~500

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	AMT01	522	Amount Qualifier Code BD	M ID 1/3

Balance Due
 AMT02 contains the total amount due for the non-billing party's charges as presented by the billing party on the customer's consolidated bill. The amount sent in AMT02 is the sum of the customer's outstanding balance (which may be zero) plus current period charges/credits for the customer's account with the non-billing party.

Mand.	AMT02	782	Monetary Amount	M R 1/18
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Total Amount Due for Non-Billing Party
 This element is a real number. Real numbers are assumed to be positive numbers and a minus (-) sign must precede the amount when a negative number is being sent. Real numbers do NOT provide for an implied decimal position; a decimal point must be sent when decimal precision is required. When transmitting a real number it is not necessary, but is acceptable, to transmit insignificant digits such as leading and/or trailing zeros.

Segment: **SE** Transaction Set Trailer
Position: 090
Loop:
Level: Detail
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:

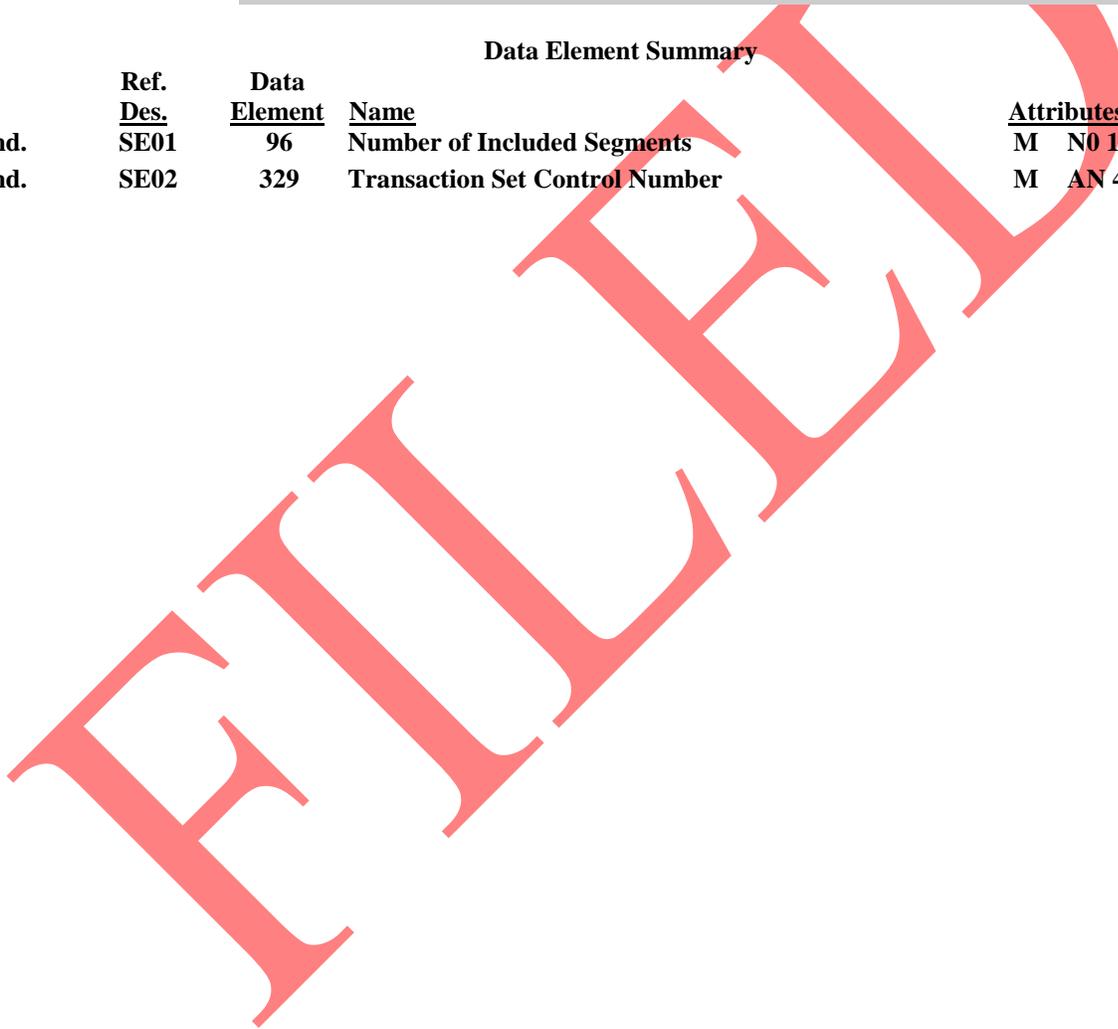
Comments: 1 SE is the last segment of each transaction set.

Notes: Required

SE~15~000000001

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Mand.	SE01	96	Number of Included Segments	M N0 1/10
Mand.	SE02	329	Transaction Set Control Number	M AN 4/9



EXAMPLES

These examples are presented for illustrative purposes only. Although they are syntactically correct with respect to the published transaction standard for TS824 Positive Notification, it should be understood that these examples reflect certain assumptions regarding optional and conditional data segments in this standard. Accordingly, these examples are not necessarily indicative of the manner in which a specific Utility or ESCO would map a specific transaction.

Scenario 1 –Acceptance of Non-Billing Party’s 810 Invoice Sent by Utility (Billing Party) to ESCO (Non-Billing Party)

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*200211031353001*20021103*****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*CENTRAL HUDSON*1*006123456!	Utility Name and DUNS number
N1*8R*WL SMITH INDUSTRIAL WAREHOUSE!	Customer Name
REF*12*6624061503!	Utility assigned account number for this customer
REF*45*3190481190!	Previous utility assigned account number for this customer
REF*AJ*156489!	Utility assigned account number for the ESCO
OTI*TA*TN*200010151301001*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction; original transaction was an 810
REF*60*867000097!	Cross Reference Number
DTM*311*20021103!	Payment Applied Through Date
DTM*814*20021126!	Payment Due Date
AMT*AAD*175.25!	Amount of Total Payments Applied as presented in the consolidated bill
AMT*BD*189.1!	The Total Amount Due as presented in the consolidated bill.
SE*15*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

Scenario 2 –Acceptance of an 810 Invoice
Sent by ESCO (Billing Party) to Utility (Non-Utility Party)

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*00058*20021103*****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*ESCO NAME*1*745862317!	ESCO Name and DUNS number
N1*8S*NATIONAL FUEL*1*006123456!	Utility Name and DUNS number
N1*8R*WL SMITH INDUSTRIAL WAREHOUSE!	Customer Name
REF*12*1564657789!	Utility assigned account number for this customer
REF*AJ*111568!	Utility assigned account number for the ESCO
OTI*TA*TN*200010151301001*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction; original transaction was an 810
REF*60*867000156!	Cross Reference Number
DTM*311*20021103!	Payment Applied Through Date
DTM*814*20021126!	Bill Due Date
AMT*AAD*0!	Total Payments Applied Presented on Bill
AMT*BD*364.35!	Total Amount Due Presented on Bill
SE*14*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

PENDING

Scenario 3 – Missed Bill Window for Prior Period; Multiple 810s Sent During Current Bill Window; Billing Party Issues One Consolidated Bill for Current Period

Summary:

- Part A:** ESCO sends Utility 810 Invoice for period 2/28/16 – 3/28/16
- Part B:** Invoice is rejected for ‘missed bill window’
Utility sends 824 Application Advice to ESCO
824 Application Advice indicates ESCO resends bill information in next window
- Part C:** Next Bill Window - ESCO sends new 810 for 2/28/16 – 3/28/16
- Part D:** Next Bill Window - ESCO sends 810 for 3/28/16 – 4/27/16
- Part E:** Utility sends 824 Positive Notification Accepting 810 for 2/28/16 – 3/28/16
- Part F:** Utility sends 824 Positive Notification Accepting 810 for 3/28/16 – 4/27/16
- Or**
- Part G:** Utility sends one 824 Positive Notification Accepting both 810 Invoices

Part A: ESCO sends Utility 810 Invoice for period 2/28/16 – 3/28/16

ST*810*000001!	Transaction Set header; transaction defined is an 810 ; control number assigned by originator
BIG*20020403*IN20020403_5675***867100315* *ME*00!	Transaction date; Invoice number; Cross Reference Number; Regular Bill ; Original Invoice
REF*11*526894GS!	ESCO assigned account number for the customer
REF*12*3456789!	Utility assigned account number for the customer
REF*BLT*LDC!	Utility is Bill Presenter
REF*PC*DUAL!	Each party calculates own charges
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
PID*F*GEN***THANK YOU for your timely payment*R1!	Text Message
BAL*M*YB*89.41!	Total Outstanding Balance
IT1*1*****SV*GAS*C3*ACCOUNT!	Gas Charge(s) billed at the Account level
TXI*LS*3.44*.04*****A*85.97!	Sales tax; amount; rate; Tax is Additive ; basis on which the tax is calculated
DTM*150*20020228!	Service period start date
DTM*151*20020328!	Service period end date
SLN*1**A!	First SLN Segment
SAC*C**EU*BAS001*295***2.95*MO*1***01!	Charge Indicator, electric or combination utility; charge type is Customer Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
SLN*2**A!	Second SLN Segment
SAC*C**EU*ENC001*8302***.466404*HH*178*** 02!	Charge Indicator, electric or combination utility; charge type is Energy Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
TDS*8941!	Total current month charges
CTT*1!	Number of IT1 segments
SE*22*000001!	Transaction Set trailer; segment count; control number

Part B: Utility Sends 824 Application Advice

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*3920394930203*20020403*****82!	Transaction is a Response ; Unique transaction identification number; Transaction date; Invoice number; Follow Up indicator
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*12*3456789!	Utility assigned account number for the customer
OTI*TR*TN*IN20020403_5675*****810!	Indicates action is a Transaction Set Reject ; reference number from original transaction; original transaction was an 810
REF*60*867100315!	Cross Reference Number
TED*848*OBW!	Rejection Reason Code
NTE*ADD*THE BILL WINDOW CLOSED AT 5:00 PM 04-02-2002.!	Additional text explanation of rejection reason
NTE*ADD*PLEASE RESUBMIT THIS INFORMATION NEXT MONTH!	Additional text explanation of rejection reason
SE*12*000001!	Transaction Set trailer; segment count; control number

Part C: Next Bill Window - ESCO sends new 810 for 2/28/16 - 3/28/16

ST*810*000001!	Transaction Set header; transaction defined is an 810 ; control number assigned by originator
BIG*20160501*IN20160501_4566***867100315* *ME*00!	Transaction date; Invoice number; Cross Reference Number; Regular Bill ; Original Invoice
REF*11*526894GS!	ESCO assigned account number for the customer
REF*12*3456789!	Utility assigned account number for the customer
REF*BLT*LDC!	Utility is Bill Presenter
REF*PC*DUAL!	Each party calculates own charges
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
PID*F*GEN***THANK YOU for your timely payment*R1!	Text Message
BAL*M*YB*89.41!	Total Outstanding Balance
IT1*1*****SV*GAS*C3*ACCOUNT!	Gas Charge(s) billed at the account level
TXI*LS*3.44*.04****A*85.97!	Sales tax; amount; rate; Tax is Additive ; basis on which the tax is calculated
DTM*150*20160228!	Service period start date
DTM*151*20160328!	Service period end date
SLN*1**A!	First SLN Segment
SAC*C**EU*BAS001*295***2.95*MO*1***01!	Charge Indicator, electric or combination utility; charge type is Customer Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
SLN*2**A!	Second SLN Segment
SAC*C**EU*ENC001*8302***.466404*HH*178*** 02!	Charge Indicator, electric or combination utility; charge type is Energy Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
TDS*8941!	Total current month charges
CTT*1!	Number of IT1 segments

SE*22*000001!	Transaction Set trailer; segment count; control number
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Part D: Next Bill Window - ESCO sends 810 for 3/28/16 – 4/27/16

ST*810*000001!	Transaction Set header; transaction defined is an 810 ; control number assigned by originator
BIG*20160501*IN20160501_4567***867101258**ME*00!	Transaction date; Invoice number; Cross Reference Number; Regular Bill ; Original Invoice
REF*11*526894GS!	ESCO assigned account number for the customer
REF*12*3456789!	Utility assigned account number for the customer
REF*BLT*LDC!	Utility is Bill Presenter
REF*PC*DUAL!	Each party calculates own charges
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
PID*F*GEN***THIS BILL CONTAINS TWO MONTHS OF ESCO CHARGES*R1!	Text Message
BAL*M*YB*170.57!	Total Outstanding Balance
IT1*1****SV*GAS*C3*ACCOUNT!	Gas Charge(s) billed at the account level
TXI*LS*3.12*.04****A*78.04!	Sales tax; amount; rate; Tax is Additive ; basis on which the tax is calculated
DTM*150*20160328!	Service period start date
DTM*151*20160427!	Service period end date
SLN*1**A!	First SLN Segment
SAC*C**EU*BAS001*295***2.95*MO*1***01!	Charge Indicator, electric or combination utility; charge type is Customer Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
SLN*2**A!	Second SLN Segment
SAC*C**EU*ENC001*7509***.466404*HH*161***02!	Charge Indicator, electric or combination utility; charge type is Energy Charge ; Amount; Rate; Unit of Measure; Consumption; Text Description
TDS*8116!	Total current month charges
CTT*1!	Number of IT1 segments
SE*21*000001!	Transaction Set trailer; segment count; control number

Part E: Utility sends 824 Positive Notification Accepting 810 for 2/28/16 – 3/28/16

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*201605031259003*20160503*****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*11*526894GS!	ESCO assigned account number for this customer
REF*12*3456789!	Utility assigned account number for this customer
REF*45*3190480!	Previous utility assigned account number for this customer
OTI*TA*TN*IN20160501_4566*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction; original transaction was an 810
REF*60*867100315!	Cross Reference Number
DTM*311*20160503!	Payment Applied Through Date
DTM*814*20160526!	Bill Due Date
AMT*AAD*80.1!	Total Payments Applied Presented on Bill
AMT*BD*170.57!	Total Amount Due Presented on Bill
SE*15*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

Part F: Utility sends 824 Positive Notification Accepting 810 for 3/28/16 – 4/27/16

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*201605031259004*20160503*****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*11*526894GS!	ESCO assigned account number for this customer
REF*12*3456789!	Utility assigned account number for this customer
REF*45*3190480!	Previous utility assigned account number for this customer
OTI*TA*TN*IN20160501_4567*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction; original transaction was an 810
REF*60*867101258!	Cross Reference Number
DTM*311*20160503!	Payment Applied Through Date
DTM*814*20160526!	Bill Due Date
AMT*AAD*80.1!	Total Payments Applied Presented on Bill
AMT*BD*170.57!	Total Amount Due Presented on Bill
SE*15*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

Part G: Utility sends one 824 Positive Notification Accepting both 810 Invoices

ST*824*000001!	Transaction Set header; transaction defined is an 824 ; control number assigned by originator
BGN*11*200205031259005*20020503*****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*ESCO NAME*1*123456789!	ESCO Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*11*526894GS!	ESCO assigned account number for this customer
REF*12*3456789!	Utility assigned account number for this customer
REF*45*3190480!	Previous utility assigned account number for this customer
OTI*TA*TN*IN20020501_4566*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction - First Invoice ; original transaction was an 810
REF*60*867100315!	Cross Reference Number - First Invoice
DTM*311*20020503!	Payment Applied Through Date
DTM*814*20020526!	Bill Due Date
AMT*AAD*80.1!	Total Payments Applied
AMT*BD*170.57!	Total Amount Due
OTI*TA*TN*IN20020501_4567*****810!	Indicates action is a Transaction Set Accept ; reference number from original transaction - Second Invoice ; original transaction was an 810
REF*60*867101258!	Cross Reference Number - Second Invoice
DTM*311*20020503!	Payment Applied Through Date
DTM*814*20020526!	Bill Due Date
AMT*AAD*80.1!	Total Payments Applied Presented on Bill
AMT*BD*170.57!	Total Amount Due Presented on Bill
SE*21*000001!	Transaction set trailer; number of segments in this transaction; control number assigned by originator

