

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/Marketer) to the N1 Loop for ESCO/Marketer (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/Marketer.
	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 E/M 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.

	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 Purchased Receivables 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/Marketer). 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/Marketer 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/Marketer or E/M) (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
 The Utility account number assigned to the customer is used for validation and must be present on all transactions.
 REF~12~011231287654398

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

One or more examples.

Data Element Summary

	<u>Ref Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 12 Billing Account REF02 contains the Utility-assigned account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification Utility assigned customer account number The utility account number must be supplied without intervening non-alphanumeric characters. (Characters added to aid in visibility on a bill, for example, should be removed)	X AN 1/30

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

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

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		
						1	
5	030	N1	Name (ESCO/Marketer)	O	1		
6	070	REF	Reference Identification (Utility Account Number for ESCO/Marketer)	O	1		
						1	
7	030	N1	Name (Utility)	O	1		
						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>
						>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.

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.</u>	<u>Data</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/Marketer)
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/Marketer participating in this transaction.	M ID 2/3
Optional	N102	93	Name Free Form ESCO/Marketer Company Name Supplemental text information supplied, if desired, to provide "eyeball" identification of the ESCO/Marketer. 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/Marketer)
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/Marketer. 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.</u> <u>Des.</u>	<u>Data</u> <u>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 assigned account number for the ESCO/Marketer	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Utility account number for the ESCO/Marketer	

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	M ID 2/3 Consumer Service Provider (CSP) Customer Identify the end use customer targeted by this transaction.
Must Use	N102	93	Name Customer name or the literal "NAME".	X AN 1/60 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.

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	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 (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 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. Des.	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

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

	Ref. Des.	Data Element	Name	Attributes
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 (NFG)
 810 ESCO Summary Invoice (NFG)

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	M ID 2/3
				REF02 contains the Purchase Order Number sent in the 810 Invoice being rejected.
Optional	REF02	127	Reference Identification	X AN 1/30
				This is the number sent in the BIG04 element of the 810 EURC Calendar Month Estimate Invoice or the 810 ESCO Summary Invoice.

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.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Condition Code</u>	
Mand.	TED01	647	Application Error 848	M ID 1/3
Must Use	TED02	3	Free Form Message A13	O AN 1/60
			A76	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). 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.

DIV	Invalid or missing date May only be used to reject a 248, 568, 810 or 820 transaction.
FRF	Bill Type Mismatch E/M 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>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	NTE01	363	Note Reference Code	O ID 3/3
			ADD Additional Information	
Mand.	NTE02	352	Description	M AN 1/80
			Text that may be provided to clarify the reason for rejecting the transaction.	

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>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 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/marketer would map a specific transaction.

Scenario 1 –Rejection of an 867 with Rejection Reason “Other” Sent by ESCO/Marketer 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*E/M NAME*1*745862317!	E/M 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*E/M NAME*1*745862317!	E/M 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*E/M NAME*1*745862317!	E/M 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/Marketer 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*E/M NAME*1*745862317!	E/M 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/Marketer**

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*E/M NAME*1*745862317!	E/M 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/Marketer**

Sent by the E/M 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*E/M NAME*1*745862317!	E/M 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 E/M
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 E/M!	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*E/M NAME*1*745862317!	E/M 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*E/M NAME*1*745862317!	E/M 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*E/M NAME*1*745862317!	E/M 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*E/M NAME*1*745862317!	E/M 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