New York Implementation Standard

For

Standard **E**lectronic **T**ransactions

TRANSACTION SET

824

Positive Notification
Ver/Rel 004010

		Notes pertaining to the use of this document
Purpose		• 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 *the Implementation Guide for the 824 Application Advice* and the *Notification Advice for Consolidated Billing Business Processes – Bill Ready Models* for more detailed information regarding processes associated with rejection of an 810 Invoice in the Bill Ready model.
Timeliness		• The 824 Positive Notification will be issued on the same date that the consolidated bill is created.
Validation		• The Utility assigned account number for the customer is used for validation and must be present in all transactions.
Cross referencing transactions		• 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		• 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.

Response to Multiple 810 Invoices Received During a Bill Window	• 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 *single* 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 each 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 single 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.
One account	• Each transaction may reference only one customer account.

Total Amount Due (AMT*BD)		• 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.
Definitions		• 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 electric suppliers or gas marketers. The principal parties involved in this Transaction Set 824 implementation guide are: • The end-use customer (Code 8R) • The Utility (LDC) (Code 8S) • The Supplier (ESCO/Marketer or E/M) (Code SJ).
Companion Documents		• 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: ➢ *Notification Advice Billing Business Processes- Bill Ready Models* ➢ *Consolidated Billing Business Processes - Utility Bill Ready* ➢ *TS824 Application Advice Implementation Guide.* • Further information regarding the processing of EDI transactions may be found in the *Technical Operating Profile for Electronic Data Interchange in New York and its various supplements.*

Implementation Guideline Field Descriptions

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.

Segment:	**REF** Reference Identification (Utility Customer Account Numb
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:	

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

	Ref Des.	Data Element	Name	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**	
			12 Billing Account	
			REF02 contains the Utilit the customer.	
Must Use	**REF02**	**127**	**Reference Identification**	
			Utility assigned customer account number	
			The utility account number must be supplied w non-alphanumeric characters. (Characters adde 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

<div align="right">

Functional Group ID=AG

</div>

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/Marketer) 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/Marketer)	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/Marketer 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/Marketer)	O	1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			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 informaition 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

	Ref. Des.	Data Element	Name	Attributes	
Mand.	ST01	143	**Transaction Set Identifier Code**	**M**	**ID 3/3**
			824　　　　　　Application Advice		
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

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**BGN01**	**353**	**Transaction Set Purpose Code**		**M**	**ID 2/2**
			11	Response		
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**		**O**	**ID 1/2**
			CF	Confirm		
			Indicates that the amounts provided in the 810 Invoice identified in OTI03 were presented on the customer's bill.			

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:		
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

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			SJ Service Provider		
			Identifies the ESCO/Marketer participating in this transaction.		
Optional	**N102**	**93**	**Name**	**X**	**AN 1/60**
			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.		
Must Use	**N103**	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			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		
Must Use	**N104**	**67**	**Identification Code**	**X**	**AN 2/80**
			The D-U-N-S number or the Federal Tax ID		

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

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
		8S	Consumer Service Provider (CSP)		
			Identifies the Utility participating in this transaction.		
Optional	**N102**	**93**	**Name**	**X**	**AN 1/60**
			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.		
Must Use	**N103**	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
		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		
Must Use	**N104**	**67**	**Identification Code**	**X**	**AN 2/80**
			The D-U-N-S number or the Federal Tax ID		

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

	Ref. Des.	Data Element	Name	Attributes
Mand.	**N101**	**98**	**Entity Identifier Code**	**M ID 2/3**
			8R Consumer Service Provider (CSP) Customer	
			Identifies the end use customer targeted by this transaction.	
Must Use	**N102**	**93**	**Name**	**X AN 1/60**
			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.	

Segment:	**REF** Reference Identification (ESCO/Marketer 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

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

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	

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

	Ref. Des.	Data Element	Name	Attributes	
Mand.	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			12 Billing Account		
			REF02 is the Utility-assigned account number for the customer		
Must Use	REF02	127	**Reference Identification**	X	AN 1/30
			Utility assigned customer account number		
			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	

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

	Ref. Des.	Data Element	Name	Attributes	
Mand.	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			45 Old Account Number		
			REF02 contains the utility's previous account number for the customer.		
Must Use	REF02	127	**Reference Identification**	X	AN 1/30
			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)		

Segment:	**REF** Reference Identification (Utility Account Number for the ESCO/Marketer)	
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/Marketer by the Utility.

REF~AJ~394584752

Data Element Summary

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

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	

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

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

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

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

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

	Ref. Des.	Data Element	Name	Attributes
Mand.	**DTM01**	**374**	**Date/Time Qualifier**	**M ID 3/3**
			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.
Must Use	**DTM02**	**373**	**Date**	**X DT 8/8**
			Date in CCYYMMDD format	

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

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
		814	Payment Due Date		
			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**	**X**	**DT 8/8**
			Date in CCYYMMDD format		

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

	Ref. Des.	Data Element	Name		Attributes
Mand.	**AMT01**	**522**	**Amount Qualifier Code**		**M ID 1/3**
			AAD	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 transaction.	
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:	$\large\textbf{AMT}$ **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

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

	Ref. Des.	Data Element	Name	Attributes	
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/Marketer would map a specific transaction.

Scenario 1 –Acceptance of Non-Billing Party's 810 Invoice

Sent by Utility (Billing Party) to ESCO/Marketer (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*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
REF*45*3190481190!	Previous utility assigned account number for this customer
REF*AJ*156489!	Utility assigned account number for the ESCO/Marketer
OTI*TA*TN*200010151301001*******810!	Indicates action is a **Transaction Set Accept**; reference number from original transaction; original transaction was an **810**
REF*6O*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/Marketer (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*E/M NAME*1*745862317!	E/M 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/Marketer
OTI*TA*TN*200010151301001*******810!	Indicates action is a **Transaction Set *Accept***; reference number from original transaction; original transaction was an *810*
REF*6O*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

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:	E/M sends Utility 810 Invoice for period 2/28/02 – 3/28/02
Part B:	Invoice is rejected for 'missed bill window'
	Utility sends 824 Application Advice to E/M
	824 Application Advice indicates E/M resends bill information in next window
Part C:	Next Bill Window - E/M sends new 810 for 2/28/02 – 3/28/02
Part D:	Next Bill Window - E/M sends 810 for 3/28/02 – 4/27/02
Part E:	Utility sends 824 Positive Notification Accepting 810 for 2/28/02 – 3/28/02
Part F:	Utility sends 824 Positive Notification Accepting 810 for 3/28/02 – 4/27/02
Or	
Part G:	Utility sends one 824 Positive Notification Accepting both 810 Invoices

Part A: E/M sends Utility 810 Invoice for period 2/28/02 – 3/28/02

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!	E/M 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*E/M NAME*1*123456789!	E/M 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 A**ccount** 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*E/M NAME*1*123456789!	E/M 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*6O*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 - E/M sends new 810 for 2/28/02 – 3/28/02

ST*810*000001!	Transaction Set header; transaction defined is an **810**; control number assigned by originator
BIG*20020501*IN20020501_4566***867100315**ME*00!	Transaction date; Invoice number; Cross Reference Number; **Regular** Bill; **Original** Invoice
REF*11*526894GS!	E/M 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*E/M NAME*1*123456789!	E/M 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 D: Next Bill Window - E/M sends 810 for 3/28/02 – 4/27/02

ST*810*000001!	Transaction Set header; transaction defined is an ***810***; control number assigned by originator
BIG*20020501*IN20020501_4567***867101258**ME*00!	Transaction date; Invoice number; Cross Reference Number; ***Regular*** Bill; ***Original*** Invoice
REF*11*526894GS!	E/M 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*E/M NAME*1*123456789!	E/M 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*20020328!	Service period ***start*** date
DTM*151*20020427!	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 2/28/02 – 3/28/02

ST*824*000001!	Transaction Set header; transaction defined is an *824*; control number assigned by originator
BGN*11*200205031259003*20020503****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*E/M NAME*1*123456789!	E/M Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*11*526894GS!	E/M 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; original transaction was an *810*
REF*6O*867100315!	Cross Reference Number
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*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 3/28/02 – 4/27/02

ST*824*000001!	Transaction Set header; transaction defined is an *824*; control number assigned by originator
BGN*11*200205031259004*20020503****CF!	Transaction is a Response; Unique id number for this transaction; transaction creation date; confirm indicator
N1*SJ*E/M NAME*1*123456789!	E/M Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*11*526894GS!	E/M 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_4567*******810!	Indicates action is a Transaction Set *Accept*; reference number from original transaction; original transaction was an *810*
REF*6O*867101258!	Cross Reference Number
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*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*E/M NAME*1*123456789!	E/M Name and DUNS number
N1*8S*NYSEG*1*987693210!	Utility Name and DUNS number
N1*8R*MARY JONES!	Customer Name
REF*11*526894GS!	E/M 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*6O*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*6O*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