Illinois

Implementation Guide For Electronic Data Interchange

Summary of Changes

<table>
<tr><td>January 6, 2009
Version 1.0</td><td>• Initial Release.</td></tr>
<tr><td>October 24, 2009
Version 1.1</td><td>• Change Control 007 – Added Rejection Reason Codes ABN (Duplicate) and DDM (Dates Do Not Match) to the TED02.</td></tr>
<tr><td>May 31, 2013
Version 2.0</td><td>• Change Control #040 – Added requirements for Ameren Gas</td></tr>
<tr><td>June 28, 2023
Version 2.1</td><td>• Change Control #054 – Added code NA to the BGN08.</td></tr>
</table>

Implementation Notes

Uses for the 824 Application Advice

- The 824 Application Advice Implementation Guideline will be used for the following circumstances:
  - Rejection for Cause
    - RES/GS Rejects 867 Usage transaction
    - RES/GS or Utility Rejects 810 Invoice
    - RES/GS Rejects 820 UCB Remittance Advice (single account or entire transaction)
    - RES/GS Charges Disputed – Utility Rejects Bill Ready or Rate Ready 810
  - Notification of No Current RES/GS Charges – When the bill window closes, and the Utility has not processed an 810 Bill Ready Invoice for the current period, the Utility will notify the RES/GS that No Current RES/GS Charges were included on customer's bill.
  - Confirmation of RES/GS Charges Billed – When the Utility bills the customer, and RES/GS charges are included, the Utility will provide details to the RES/GS for each 810 Bill Ready Invoice that was included on the customer's bill. The Utility will also send this transaction to confirm RES/GS charges cancelled.

Timing

- An 824 Rejection for Cause must be sent within 1 business day of receipt of the offending transaction except for Disputed Charges. In the case of a rejection of the 867, the utility is not expected to extend the bill window if the 824 is not received within this timeframe.

- An 824 Rejection for Disputed Charges may occur at any time within the rules surrounding disputed charges.

- An 824 Notification of No Current RES/GS Charges or 824 Confirmation of RES/GS Charges Billed will be sent the same day the bill is sent to the customer.

Cross Reference between 867, 810, 820

- CPWG has established a Cross Reference Number to tie together the 867, 810 and 820 transactions, where appropriate. All three variations of the 824 Application Advice will include the Cross Reference Number.
  - The 867 initiates the Cross Reference Number in the BPT02 field
  - The Cross Reference Number then appears in the 810 Invoice (Bill Ready and Rate Ready) in the BIG05.
  - The Cross Reference Number is finally provided in the 820 Remittance transaction in the REF*6O segment only for Purchase of Receivables.

Action Code

- The Action Code in BGN08 will indicate what action is expected to take place, if any.

  - When BGN08=82, the sender is expecting the receiver to correct and resend the offending transaction, or otherwise respond to the sender with information necessary to process the transaction. This code will be used for both a Rejection for Cause and a Notification of No Current RES/GS Charges.

  - When BGN08=EV, the sender is indicating that This indicates that the receiver of the 824 should evaluate the problem and make modifications to their system as necessary without resending the transaction. This code should be used when it is not possible to correct the situation automatically or it is not desirable to do so (such as when

	receiver chooses to make minor corrections because that is the easiest or quickest solution). It is imperative that the original transaction **not** be resent without notification as the data has already been processed.
	○ When BGN08=CF, the Utility is confirming that the Utility Bill Ready charges were included on the customer's bill. No action necessary.
Rejection of 820 UCB Remittance Advice	• Because the funds have already been transferred, a rejection of an 820 UCB Remittance Advice transaction will always be coded as "Evaluate" (BGN08 = EV). The Utility and RES/GS must work together to determine how to resolve the issue. • The 820 may be rejected as a whole (OTI01=TR) for reasons such as the sum of the details does not equal the total. The 824 may also be used to notify the utility of issues with individual accounts within the 820 transaction (OTI01=TP).
Rejection of 867 Usage – Change of Bill Window	• In the event that the 867 Usage transaction is rejected for cause, and the utility agrees that they made an error, the utility must resend the transaction with a new Document Due Date.
RES/GS Charges Disputed	• An 824 Application Advice may be sent by the Utility to notify the RES/GS that charges are in dispute and that the Utility will be sending an adjustment in the 820 Remittance Advice to recover the money, if already paid. This transaction is essentially a "reject" of an 810 and will be used in both the Rate Ready and Bill Ready situations.

Implementation of Service Point (Ameren)	• Ameren Mass Market and Non-Mass Market:
	  ○ Ameren to RES/GS: The Service Point Identifier will be sent in REF*LU.
	  ○ RES/GS to Ameren: The Service Point Identifier may optionally be sent in REF*LU.

One Commodity per Transaction	• Each submitted transaction may be valid for only one commodity (i.e., electric or gas).

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).

Heading:

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

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - OTI			>1	
M	010	OTI	Original Transaction Identification	M	1		n1
	020	REF	Reference Identification	O	12		n2
	030	DTM	Date/Time Reference	O	2		n3
	050	AMT	Monetary Amount	O	>1		n4
			LOOP ID - TED			>1	
	070	TED	Technical Error Description	O	1		
	080	NTE	Note/Special Instruction	O	100		
M	090	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.
2. The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set. The primary reference identification or number should be provided in elements OTI02-03.
3. The DTM segment allows for the provision of date, time, or date and time information required to uniquely identify the original transaction set.
4. The AMT segment should be utilized if monetary amount information is important to the unique identification of the original transaction set.

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

Segment:	**BGN** Beginning Segment
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of a transaction set
Syntax Notes:	**1** If BGN05 is present, then BGN04 is required.
Semantic Notes:	**1** BGN02 is the transaction set reference number.
	2 BGN03 is the transaction set date.
	3 BGN04 is the transaction set time.
	4 BGN05 is the transaction set time qualifier.
	5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:	
Notes:	Required
	BGN~11~20091215-00001~20091215~~~~~EV

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**BGN01**	**353**	**Transaction Set Purpose Code**		**M ID 2/2**
			Code identifying purpose of transaction set		
			11	Response	
Must Use	**BGN02**	**127**	**Reference Identification**		**M AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.		
			Transaction Reference Numbers will only contain uppercase letters (A to Z), digits (0 to 9), dashes (-) and periods (.). Note that all other characters (spaces, underscores, etc.) must be excluded.		
Must Use	**BGN03**	**373**	**Date**		**M DT 8/8**
			Date expressed as CCYYMMDD		
			The transaction creation date - the date that the data was processed by the sender's application system.		
Must Use	**BGN08**	**306**	**Action Code**		**O ID 1/2**
			Code indicating type of action		
			82	Follow Up	
				Indicates that the receiver of the transaction must correct and resend the transaction. Not valid for a Rejection of an 820 in whole or in part. Resolution of 820 Issues will take place outside of the EDI process. Used for both Rejection for Cause and Notification of No Current RES/GS Charges.	
			CF	Confirm	
				For Utility Consolidated Bill Ready - Used to confirm that the RES/GS charges have been sent to the customer.	
			EV	Evaluate	
				Indicates that the receiver of the transaction must evaluate the error, but the transaction should NOT be resent.	
			NA	No Action Required	
				Used by the Utility to notify the RES that no supply charges will be calculated by the Utility for the on-	

site net metered service point that is billed via the supplier consolidated billing option ("SBO") or the dual billing option. This is because the RES did not either 1.) set up a default Rate Code for the service point's DS classification on the Utility's RES Portal; or 2.) assign a Rate Code to the service point.

Segment:	**N1** Name (Utility)			
Position:	030			
Loop:	N1	Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	1			
Purpose:	To identify a party by type of organization, name, and code			
Syntax Notes:	1	At least one of N102 or N103 is required.		
	2	If either N103 or N104 is present, then the other is required.		
Semantic Notes:				
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.		
	2	N105 and N106 further define the type of entity in N101.		
Notes:	Required			
	N1~8S~UTILITY NAME~1~007909411			

Data Element Summary

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

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

8S		Consumer Service Provider (CSP)
		Utility

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

Free-form name

Utility Name

	Ref. Des.	Data Element	Name	Attributes
Must Use	N103	66	**Identification Code Qualifier**	**X ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

	Ref. Des.	Data Element	Name	Attributes
Must Use	N104	67	**Identification Code**	**X AN 2/80**

Code identifying a party or other code

Utility D-U-N-S or D-U-N-S+4 Number

| | | | Segment: | **N1** | **Name (Retail Electric Supplier/Gas Supplier)** |

Segment: **N1** **Name (Retail Electric Supplier/Gas Supplier)**
Position: 030
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1   At least one of N102 or N103 is required.
            2   If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1   This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
            2   N105 and N106 further define the type of entity in N101.
Notes: Required
N1~SJ~RES/GS COMPANY~1~049612345

Data Element Summary

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

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

     SJ   Service Provider

Retail Electric Supplier (RES) or Gas Supplier (GS)

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

Free-form name

RES/GS Name

	Ref. Des.	Data Element	Name	Attributes
Must Use	N103	66	**Identification Code Qualifier**	**X ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

     1   D-U-N-S Number, Dun & Bradstreet
     9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

	Ref. Des.	Data Element	Name	Attributes
Must Use	N104	67	**Identification Code**	**X AN 2/80**

Code identifying a party or other code

RES/GS D-U-N-S or D-U-N-S+4 Number

Segment: **PER** Administrative Communications Contact
Position: 080
Loop: N1　　Optional
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1　If either PER03 or PER04 is present, then the other is required.
2　If either PER05 or PER06 is present, then the other is required.
3　If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:
Notes: Optional from RES/GS to Utility for the RES/GS to provide a technical contact to resolve this particular issue.
PER~IC~JANE SMITH~TE~6105551212 x3921~JANE.SMITH@RES.COM

Data Element Summary

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

Segment:	**N1** Name (Customer)
Position:	030
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	820 Rejection of Entire Transaction: Not Used
	All other transactions: Required
	N1~8R~CUSTOMER NAME

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**	**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual	
			8R Consumer Service Provider (CSP) Customer	
			Customer Name	
Must Use	**N102**	**93**	**Name**	**X AN 1/60**
			Free-form name	
			Customer Name	

Segment:	**REF** Reference Identification (RES/GS Account Number)			
Position:	070			
Loop:	N1 Optional			
Level:	Heading			
Usage:	Optional			
Max Use:	12			
Purpose:	To specify identifying information			
Syntax Notes:	1 At least one of REF02 or REF03 is required.			
	2 If either C04003 or C04004 is present, then the other is required.			
	3 If either C04005 or C04006 is present, then the other is required.			
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.			
Comments:				
Notes:	820 Rejection of Entire Transaction: Not Used			
	All Other RES/GS to Utility Transactions: Optional			
	Utility to RES/GS: Required if provided on the 814 Enrollment or Change transaction.			
	REF~11~1234567890			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	**M ID 2/3**
			Code qualifying the Reference Identification	
			11 Account Number	
			Retail Electric Supplier (RES) or Gas Supplier (GS) Account Number	
Must Use	REF02	127	**Reference Identification**	**X AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			RES/GS Account Number	

	Segment:	**REF** Reference Identification (Utility Account Number)
	Position:	070
	Loop:	N1 Optional
	Level:	Heading
	Usage:	Optional
	Max Use:	12
	Purpose:	To specify identifying information
	Syntax Notes:	1 At least one of REF02 or REF03 is required.
		2 If either C04003 or C04004 is present, then the other is required.
		3 If either C04005 or C04006 is present, then the other is required.
	Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
	Comments:	
	Notes:	820 Rejection of Entire Transaction: Not Used
		All other transactions: Required
		Both utilities currently have 10 digit account numbers. All 10 digits, including leading zeros must be provided.
		REF~12~0000445648

Data Element Summary

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

Segment: # REF Reference Identification (Service Point Identifier)
Position: 070
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:
1   At least one of REF02 or REF03 is required.
2   If either C04003 or C04004 is present, then the other is required.
3   If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1   REF04 contains data relating to the value cited in REF02.
Comments:
Notes:

Ameren to RES/GS: Required
RES/GS to Ameren: Optional
ComEd: Not Used
REF~LU~00981930

Data Element Summary

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

Code qualifying the Reference Identification

    LU   Location Number

Service Point Identifier

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

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

Service Point Identifier

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
	OTI~TR~TN~20091215-00001~~~~~~~867 Rejection for Cause
	OTI~TR~TN~20091215-810.00001~~~~~~~810 Disputed RES/GS Charges
	OTI~TP~TN~TRN~3~CP1234567890001~~~~~~~820 Rejection for Cause One Account on 820
	OTI~IR~TN~867.20091215-00001~~~~~~~810 No Current RES/GS Charges
	OTI~TA~TN~810.ABC-20091215001~~~~~~~810 Confirmation of RES/GS Charges Billed

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	OTI01	110	**Application Acknowledgment Code**	**M ID 1/2**

Code indicating the application system edit results of the business data

IR	Item Reject	
	Used to indicate that No Current RES/GS Charges have been included on the Customer Bill.	
TA	Transaction Set Accept	
	Used only for Confirmation of RES/GS Charges Billed	
TP	Transaction Set Partial Accept/Reject	
	Used to reject one or more individual accounts on the transaction. Applicable only as a response to the 820 transaction.	
TR	Transaction Set Reject	

			Used to reject the entire transaction. Applicable for Rejection of 810, 820 and 867 transactions.		
Must Use	**OTI02**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**

Code qualifying the Reference Identification

   TN   Transaction Reference Number

Must Use	**OTI03**	**127**	**Reference Identification**	**M**	**AN 1/30**

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

Rejection for Cause: This data element is populated from the following data elements of the original transaction:
   810 - BIG02
   820 - TRN02
   867 - BPT02

Notification of No Current RES/GS Charges: This data element will contain the Cross Reference Number from the BPT02 element of the current period 867 Usage transaction.

Confirmation of RES/GS Charges Billed: This data element will contain the Invoice Number from the BIG02 element of the associated 810 Invoice transaction.

Must Use	**OTI10**	**143**	**Transaction Set Identifier Code**	**O**	**ID 3/3**

Code uniquely identifying a Transaction Set

   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
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	Rejection of 810 for Cause: Required
	Rejection of an Individual Account on the 820 for Cause: Required
	Rejection of Entire 820 Transaction: Not Used
	Rejection of 867 for Cause: Not Used
	Notification of No Current RES/GS Charges: Not Used
	Confirmation of RES/GS Charges Billed: Required
	REF~6O~200901010000086700001

Data Element Summary

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

Segment:	**DTM** Date/Time Reference (Date of the Customer Bill)
Position:	030
Loop:	OTI Mandatory
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	Rejection for Cause: Not Used
	Notification of No Current RES/GS Charges: Required
	Confirmation of RES/GS Charges Billed: Required
	DTM~003~20100115

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**DTM01**	**374**	**Date/Time Qualifier**		**M** ID 3/3
			Code specifying type of date or time, or both date and time		
			003	Invoice	
				Date of the Customer Bill	
Must Use	**DTM02**	**373**	**Date**		**X** DT 8/8
			Date expressed as CCYYMMDD		
			Date of the Customer Bill		

Segment:	**DTM** Date/Time Reference (Customer Due Date)	
Position:	030	
Loop:	OTI	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM05 is required.
	2	If DTM04 is present, then DTM03 is required.
	3	If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:	Rejection for Cause: Not Used	
	Notification of No Current RES/GS Charges: Not Used	
	Confirmation of RES/GS Charges Billed: Required	
	DTM~814~20100115	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	**M ID 3/3**
			Code specifying type of date or time, or both date and time	
			814 Payment Due Date	
			Used on an accept response to an 810 transaction to indicate the customer's payment due date.	
Must Use	DTM02	373	**Date**	**X DT 8/8**
			Date expressed as CCYYMMDD	
			Customer's Due Date	

Segment:	**AMT** Monetary Amount (Customer Balance Due)
Position:	050
Loop:	OTI Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To indicate the total monetary amount
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Rejection for Cause: Not Used
	Notification of No Current RES/GS Charges: Not Used
	Confirmation of RES/GS Charges Billed: Required
	The amount is the total amount charged to the customer for the associated 810 Invoice which is identified by Invoice Number in the OTI03 and Cross Reference Number in the REF*6O.
	AMT~BD~178.99

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	AMT01	522	**Amount Qualifier Code**	M ID 1/3
			Code to qualify amount	
			BD Balance Due	
			RES/GS Charges Billed	
Must Use	AMT02	782	**Monetary Amount**	M R 1/18
			Monetary amount	
			RES/GS Charges Billed - The amount in AMT02 must be signed if negative.	

	Segment:	**TED** Technical Error Description
	Position:	070
	Loop:	TED Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To identify the error and, if feasible, the erroneous segment, or data element, or both
	Syntax Notes:	
	Semantic Notes:	
	Comments:	1 If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).

Notes: Rejection for Cause: Required
Notification of No Current RES/GS Charges: Required - TED02 will equal "NCC"
Confirmation of RES/GS Charges Billed: Not Used

Multiple TED loops may be provided to include multiple reasons.
TED~848~A76

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	TED01	647	**Application Error Condition Code**	M ID 1/3

Code indicating application error condition

848	Incorrect Data	

	Ref. Des.	Data Element	Name	Attributes
Must Use	TED02	3	**Free Form Message**	O AN 1/60

Free-form text

Code	Description
008	Account Exists but is Not Active
	Code Valid for Rejection of 810 Bill Ready Only
A13	Other
	Code Valid for Rejection of 810 Bill Ready Only Explanation Required in NTE Segment
A76	Account Not Found
ABN	Duplicate Request Received
API	Required Information Missing
	Explanation Required in NTE Segment
BRA	Inactive Supplier
	Code Valid for Rejection of 810 Bill Ready Only The Utility will not accept 810s from an Inactive Supplier.
BRB	Inactive Service Point
	Code Valid for Rejection of 810 Bill Ready Only The Utility will not accept 810 Cancel transactions for a Service Point that has become inactive.
BRC	Invalid Number of Charges or Messages
	Code Valid for Rejection of 810 Bill Ready Only The RES/GS must send at least one Charge, and the Total. The RES/GS may send a maximum of 7 charges and 2 bill messages.
CRI	Cross Reference Number Invalid
	Code Valid for Rejection of 810 Bill Ready or 820 The cross reference number provided on the 810 does not match the cross reference number on an open 867 including the situation where a RES/GS sends the Re-bill (BIG08=18) prior to the Cancel (BIG08=17).
DDM	Dates Do Not Match
	Code Valid for Rejection of 810 Bill Ready This code will be used by ComEd only. Ameren does

		not perform date validation on the 810.
DIS	RES/GS Charges in Dispute	
		Code Valid from Utility to RES Only Used when the Utility is essentially canceling the 810 RES/GS Charges by sending a rejection of the 810 and subsequently adjusting the associated funds via the 820 transaction. This "rejection" of an 810 re-opens the associated 867 so that when the dispute is resolved, the RES/GS may send a new 810 to include the appropriate charges on the bill.
EXP	Expired	
		Code Valid for Rejection of 810 Bill Ready Only 810 Received for billing period older than that supported by the Billing System
FRF	Bill Type Mismatch	
		Code Valid for Rejection of 810 Bill Ready Only An 810 is received for an account that is not on Bill Ready Utility Consolidated Billing.
ISP	Invalid Service Point	
NCC	No Current Charges on Customer Bill	
		Used only for Notification of No Current RES/GS Charges
OBW	Outside Bill Window	
		Code Valid for Rejection of 810 Bill Ready Only The 810 was received outside of the billing window.
SUM	Sum of the Details does not Match the Total	
		Code Valid for Rejection of 810 Rate Ready and 820
UND	Cannot Identify Service Provider	
		Code Valid for Rejection of 810 Bill Ready Only DUNS or DUNS+4 Not Valid

Segment:	**NTE** Note/Special Instruction	
Position:	080	
Loop:	TED Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	100	
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction	
Syntax Notes:		
Semantic Notes:		
Comments:	**1**	The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.
Notes:	Rejection for Cause: Required	
	Notification of No Current RES/GS Charges: Required	
	Confirmation of RES/GS Charges Billed: Not Used	
	NTE~ADD~MISSING ALL PTD LOOPS	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	NTE01	363	**Note Reference Code**	**O**	**ID 3/3**
			Code identifying the functional area or purpose for which the note applies		
			ADD Additional Information		
Must Use	NTE02	352	**Description**	**M**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

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~14~000000001

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Example 1 – RES Sends 824 Rejection of 867 for Account Not Found

```
ST*824*0001
BGN*11*REJ867-20091215-00001*20091215****82
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
  PER*IC*JANE SMITH*TE*8005551212 x1234*EM*JANE.SMITH@RES.COM
N1*8R*CUSTOMER NAME
  REF*11*1349018803
  REF*12*0012908081
  REF*LU*12345678          Ameren Only
OTI*TR*TN*867-20091215120100998*******867
  REF*6O*867-20091215120100998
  TED*848*A76
    NTE*ADD*DOES NOT MATCH AN ACCOUNT NUMBER IN OUR SYSTEM
SE*14*0001
```

Example 2 – RES Sends 824 Rejection of 810 for Incorrect Sum and Account Not Found

```
ST*824*0001
BGN*11*REJ810-20091215-00001*20091215****82
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
  PER*IC*JANE SMITH*TE*8005551212 x1234*EM*JANE.SMITH@RES.COM
N1*8R*CUSTOMER NAME
  REF*11*1349018803
  REF*12*0012908081
  REF*LU*12345678          Ameren Only
OTI*TR*TN*810-2009121512011231*******810
  REF*6O*867-20091215120100998
  TED*848*SUM
    NTE*ADD*TOTAL IS $100.00 BUT DETAILS ARE $99.99
  TED*848*A76
    NTE*ADD*ACCOUNT NOT FOUND
SE*16*0001
```

Example 3 – RES Sends 824 Reject of Entire 820

```
ST*824*0001
BGN*11*REJ820-20091215-00001*20091215****EV
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
  PER*IC*JANE SMITH*TE*8005551212 x1234*EM*JANE.SMITH@RES.COM
OTI*TR*TN*CP999999999-20081215*******820
  TED*848*SUM
    NTE*ADD*SUM OF DETAILS DOES NOT EQUAL TOTAL BUT DOES EQUAL AMOUNT PAID
SE*9*0001
```

Gray segments are optional or dependent.

Example 4 – RES Sends 824 Rejection of one Account within 820
```
ST*824*0001
BGN*11*REJ820-20091215-00001*20091215*****EV
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
  PER*IC*JANE SMITH*TE*8005551212 x1234*EM*JANE.SMITH@RES.COM
N1*8R*CUSTOMER NAME
  REF*11*1349018803
  REF*12*0012908081
  REF*LU*12345678        Ameren Only
OTI*TP*TN*CP999999999-20081215*******820
  REF*6O*867-20091215120100998
  TED*848*A76
    NTE*ADD*ACCOUNT NOT FOUND
SE*14*0001
```

Example 5 – Utility Sends 824 Rejection of 810 for Multiple Reasons
```
ST*824*0001
BGN*11*REJ2009121500001*20091215*****82
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
  REF*11*1349018803
  REF*12*0012908081
  REF*LU*12345678        Ameren Only
OTI*TR*TN*810.00000000891*******810
  REF*6O*867-20091215120100998
  TED*848*CRI
    NTE*ADD*CROSS REFERENCE NUMBER INVALID
  TED*848*OBW
    NTE*ADD*810 RECEIVED OUTSIDE BILL WINDOW
SE*15*0001
```

Example 6 – Utility Sends 824 for Disputed Charges
```
ST*824*0001
BGN*11*12345678900001*20091215*****82
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
  REF*11*1349018803
  REF*12*0012908081
  REF*LU*12345678        Ameren Only
OTI*TR*TN*810.00000001184685*******810
  REF*6O*867-20091215120100998
  DTM*003*20100105
  TED*848*DIS
    NTE*ADD*CUSTOMER DISPUTED CHARGES
SE*14*0001
```

Example 7 – Utility Sends 824 Notification of No Current RES Charges

    ST*824*0001
    BGN*11*CONFIRM.20091215.0000083291*20091215*****82
    N1*8S*UTILITY*1*006912345
    N1*SJ*SUPPLIER*9*007909111IL00
    N1*8R*CUSTOMER NAME
      REF*11*1349018803
      REF*12*0012908081
      REF*LU*12345678   Ameren Only
    OTI*IR*TN*810.00000000891*******810
      REF*6O*867-20091215120100998
      DTM*003*20091218
      TED*848*NCC
        NTE*ADD*NO CURRENT RES CHARGES BILLED
    SE*14*0001

Example 8 – Utility Sends 824 Confirmation of RES Charges Billed

    ST*824*0001
    BGN*11*CONFIRM.20091215.0000083291*20091215*****CF
    N1*8S*UTILITY*1*006912345
    N1*SJ*SUPPLIER*9*007909111IL00
    N1*8R*CUSTOMER NAME
      REF*11*1349018803
      REF*12*0012908081
      REF*LU*12345678   Ameren Only
    OTI*TA*TN*810.0000000130891*******810
      REF*6O*867-20091215120100998
      DTM*003*20091218
      DTM*814*20100108
      AMT*BD*92.86
    SE*14*0001

Example 9 – Utility Sends 824 Confirmation of RES Charges Cancelled

    ST*824*0001
    BGN*11*CONFIRM.20091215.0000083291*20091215*****CF
    N1*8S*UTILITY*1*006912345
    N1*SJ*SUPPLIER*9*007909111IL00
    N1*8R*CUSTOMER NAME
      REF*11*1349018803
      REF*12*0012908081
      REF*LU*12345678   Ameren Only
    OTI*TA*TN*810.0000000130891CANCEL*******810
      REF*6O*867-20091215120100998
      DTM*003*20091218
      DTM*814*20100108
      AMT*BD*-92.86
    SE*14*0001