

**Illinois**

Implementation  
Guide  
For  
**E**lectronic  
**D**ata  
**I**nterchange

Transaction Set  
ANSI ASC X12 Version 004010

**824**  
**Application Advice**  
Version 1.1

## Summary of Changes

- |                                 |   |
|---------------------------------|---|
| January 6, 2009<br>Version 1.0  | <ul style="list-style-type: none"><li>• Initial Release.</li></ul>  |
| October 24, 2009<br>Version 1.1 | <ul style="list-style-type: none"><li>• <b>Change Control 007</b> – Added Rejection Reason Codes ABN (Duplicate) and DDM (Dates Do Not Match) to the TED02.</li></ul> |

## 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 Rejects 867 Usage transaction
    - RES or Utility Rejects 810 Invoice
    - RES Rejects 820 UCB Remittance Advice (single account or entire transaction)
    - RES Charges Disputed – Utility Rejects Bill Ready or Rate Ready 810
  - Notification of No Current RES 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 that No Current RES Charges were included on customer’s bill.
  - Confirmation of RES Charges Billed – When the Utility bills the customer, and RES charges are included, the Utility will provide details to the RES for each 810 Bill Ready Invoice that was included on the customer’s bill. The Utility will also send this transaction to confirm RES 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 Charges or 824 Confirmation of RES 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 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

Rejection of 820 UCB Remittance Advice	<p>or quickest solution). It is imperative that the original transaction <b>not</b> be resent without notification as the data has already been processed.</p> <ul style="list-style-type: none"> <li>○ When BGN08=CF, the Utility is confirming that the Utility Bill Ready charges were included on the customer's bill. No action necessary.</li> </ul>
	<ul style="list-style-type: none"> <li>● 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 must work together to determine how to resolve the issue.</li> <li>● 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).</li> </ul>
Rejection of 867 Usage – Change of Bill Window	<ul style="list-style-type: none"> <li>● 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.</li> </ul>
RES Charges Disputed	<ul style="list-style-type: none"> <li>● An 824 Application Advice may be sent by the Utility to notify the RES 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.</li> </ul>
Implementation of Service Point (Ameren)	<ul style="list-style-type: none"> <li>● Ameren Mass Market and Non-Mass Market: <ul style="list-style-type: none"> <li>○ Ameren to RES: The Service Point Identifier will be sent in REF*LU.</li> <li>○ RES to Ameren: The Service Point Identifier may optionally be sent in REF*LU.</li> </ul> </li> </ul>

# 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:

	<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>
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:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - OTI	>1
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~810~000000001

**Data Element Summary**

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

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

**Comments:**

**Notes:**

Required  
 BGN~11~20091215-00001~20091215~~~~~EV

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BGN01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 11 Response	M ID 2/2
Must Use	BGN02	127	<b>Reference Identification</b> 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.	M AN 1/30
Must Use	BGN03	373	<b>Date</b> Date expressed as CCYYMMDD The transaction creation date - the date that the data was processed by the sender's application system.	M DT 8/8
Must Use	BGN08	306	<b>Action Code</b> Code indicating type of action 82 Follow Up CF Confirm EV Evaluate	O ID 1/2
			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 Charges.	
			For Utility Consolidated Bill Ready - Used to confirm that the RES charges have been sent to the customer.	
			Indicates that the receiver of the transaction must evaluate the error, but the transaction should NOT be resent.	

**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**

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

**Segment:** **N1** Name (Retail Electric 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 COMPANY~1~049612345

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
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)	
Must Use	N102	93 Name	X AN 1/60
		Free-form name	
		RES Name	
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	
Must Use	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
		RES 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 to Utility for the RES to provide a technical contact to resolve this particular issue.  
 PER~IC~JANE SMITH~TE~6105551212 x3921~JANE.SMITH@RES.COM

**Data Element Summary**

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

**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

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

**Segment:** **REF** Reference Identification (RES 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 to Utility Transactions: Optional  
 Utility to RES: Required if provided on the 814 Enrollment or Change transaction.  
 REF~11~1234567890

**Data Element Summary**

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

**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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
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: Required  
RES to Ameren: Optional  
ComEd: Not Used  
REF~LU~00981930

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification LU Location Number Service Point Identifier	<b>M ID 2/3</b>
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Service Point Identifier	<b>X AN 1/30</b>

<b>Segment:</b>	<b>OTI</b> Original Transaction Identification
<b>Position:</b>	010
<b>Loop:</b>	OTI Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	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
<b>Syntax Notes:</b>	1 If OTI09 is present, then OTI08 is required.
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.</li> <li>2 OTI06 is the group date.</li> <li>3 OTI07 is the group time.</li> <li>4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.</li> <li>5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.</li> <li>6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.</li> <li>7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.</li> <li>8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.</li> <li>9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.</li> <li>10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.</li> <li>2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.</li> <li>3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.</li> </ol>
<b>Notes:</b>	<p>Required</p> <p>OTI~TR~TN~20091215-00001~~~~~867 Rejection for Cause</p> <p>OTI~TR~TN~20091215-810.00001~~~~~810 Disputed RES Charges</p> <p>OTI~TP~TN~TRN~3~CP1234567890001~~~~~820 Rejection for Cause One Account on 820</p> <p>OTI~IR~TN~867.20091215-00001~~~~~810 No Current RES Charges</p> <p>OTI~TA~TN~810.ABC-20091215001~~~~~810 Confirmation of RES Charges Billed</p>

**Data Element Summary**

<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	<b>OTI01</b>	<b>110 Application Acknowledgment Code</b>	<b>M ID 1/2</b>
		Code indicating the application system edit results of the business data	
		IR Item Reject	
		TA Transaction Set Accept	Used to indicate that No Current RES Charges have been included on the Customer Bill.
		TP Transaction Set Partial Accept/Reject	Used only for Confirmation of RES Charges Billed
		TR Transaction Set Reject	Used to reject one or more individual accounts on the transaction. Applicable only as a response to the 820 transaction.

Used to reject the entire transaction. Applicable for Rejection of 810, 820 and 867 transactions.

<b>Must Use</b>	<b>OTI02</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>M ID 2/3</b>
			Code qualifying the Reference Identification	
			TN Transaction Reference Number	
<b>Must Use</b>	<b>OTI03</b>	<b>127</b>	<b>Reference Identification</b>	<b>M AN 1/30</b>
			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 Charges: This data element will contain the Cross Reference Number from the BPT02 element of the current period 867 Usage transaction.	
			Confirmation of RES Charges Billed: This data element will contain the Invoice Number from the BIG02 element of the associated 810 Invoice transaction.	
<b>Must Use</b>	<b>OTI10</b>	<b>143</b>	<b>Transaction Set Identifier Code</b>	<b>O ID 3/3</b>
			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 Charges: Not Used  
 Confirmation of RES Charges Billed: Required  
 REF~6O~200901010000086700001

**Data Element Summary**

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

**Segment:** **DTM** Date/Time Reference (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 Charges: Required  
 Confirmation of RES Charges Billed: Required  
 DTM~003~20100115

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
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 Charges: Not Used  
 Confirmation of RES Charges Billed: Required  
 DTM~814~20100115

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
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 Charges: Not Used  
 Confirmation of RES 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**

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

**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 Charges: Required - TED02 will equal "NCC"  
Confirmation of RES Charges Billed: Not Used

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

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TED01	647	<b>Application Error Condition Code</b> Code indicating application error condition	M ID 1/3
			848 Incorrect Data	
Must Use	TED02	3	<b>Free Form Message</b> Free-form text	O AN 1/60
			008 Account Exists but is Not Active	
			A13 Other	
			A76 Account Not Found	
			ABN Duplicate Request Received	
			API Required Information Missing	
			BRA Inactive Supplier	
			BRB Inactive Service Point	
			BRC Invalid Number of Charges or Messages	
			CRI Cross Reference Number Invalid	
			DDM Dates Do Not Match	

	not perform date validation on the 810.
DIS	RES Charges in Dispute Code Valid from Utility to RES Only Used when the Utility is essentially canceling the 810 RES 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 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 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 Charges: Required  
 Confirmation of RES Charges Billed: Not Used  
 NTE~ADD~MISSING ALL PTD LOOPS

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
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

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

**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  
OTT\*TR\*TN\*867-20091215120100998\*\*\*\*\*867  
REF\*60\*867-20091215120100998  
TED\*848\*A76  
NTE\*ADD\*DOES NOT MATCH AN ACCOUNT NUMBER IN OUR SYSTEM  
SE\*14\*0001

Gray segments are optional or dependent.

**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  
OTT\*TR\*TN\*810-2009121512011231\*\*\*\*\*810  
REF\*60\*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  
OTT\*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

**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  
OTT\*TP\*TN\*CP999999999-20081215\*\*\*\*\*820  
REF\*60\*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  
OTT\*TR\*TN\*810.0000000891\*\*\*\*\*810  
REF\*60\*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  
OTT\*TR\*TN\*810.00000001184685\*\*\*\*\*810  
REF\*60\*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  
OTT\*IR\*TN\*810.0000000891\*\*\*\*\*810  
REF\*60\*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  
OTT\*TA\*TN\*810.0000000130891\*\*\*\*\*810  
REF\*60\*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  
OTT\*TA\*TN\*810.0000000130891CANCEL \*\*\*\*\*810  
REF\*60\*867-20091215120100998  
DTM\*003\*20091218  
DTM\*814\*20100108  
AMT\*BD\*-92.86  
SE\*14\*0001