

Illinois

Implementation
Guide
For
Electronic
Data
Interchange

Transaction Set
ANSI ASC X12 Version 004010

824
Application Advice
Version x.x

Summary of Changes

Month #, 2008

- Initial Release.

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 not be resent without notification as the data has already been processed.</p> <ul style="list-style-type: none"> ○ When BGN08=CF, the Utility is confirming that the Utility Bill Ready charges were included on the customer's bill. No action necessary. |
| | <ul style="list-style-type: none"> ● 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. ● 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 | <ul style="list-style-type: none"> ● 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 Charges Disputed | <ul style="list-style-type: none"> ● 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. |
| Implementation of Service Point (Ameren) | <ul style="list-style-type: none"> ● Ameren Mass Market and Non-Mass Market: <ul style="list-style-type: none"> ○ Ameren to RES: The Service Point Identifier will be sent in REF*LU. ○ RES to Ameren: The Service Point Identifier may optionally be sent in REF*LU. |

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

| | Ref. | Data | | Attributes |
|----------|-------------|----------------|--|-------------------|
| | Des. | Element | Name | |
| 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 | Transaction Set Purpose Code Code identifying purpose of transaction set 11 Response | M ID 2/2 |
| Must Use | BGN02 | 127 | Reference Identification 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 | Date 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 | Action Code 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> | |
| 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 | M ID 2/3 |
| 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> | <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 SJ Service Provider Retail Electric Supplier (RES) | X AN 1/60 |
| Must Use | N102 | 93 Name Free-form name RES 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 RES D-U-N-S or D-U-N-S+4 Number | X AN 2/80 |

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

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 | Reference Identification Qualifier Code qualifying the Reference Identification 11 Account Number Retail Electric Supplier (RES) Account 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 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 Code qualifying the Reference Identification 12 Billing Account Utility Account 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 Utility Account Number | X AN 1/30 |

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 | Reference Identification Qualifier Code qualifying the Reference Identification LU Location Number Service Point Identifier | 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 Service Point Identifier | X AN 1/30 |

| | |
|------------------------|---|
| Segment: | OTI Original Transaction Identification |
| Position: | 010 |
| Loop: | OTI Mandatory |
| Level: | Detail |
| Usage: | Mandatory |
| Max Use: | 1 |
| Purpose: | To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result |
| Syntax Notes: | 1 If OTI09 is present, then OTI08 is required. |
| Semantic Notes: | <ol style="list-style-type: none"> 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: | <ol style="list-style-type: none"> 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: | <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

| Must Use | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|----------|------------------|---------------------|--|--|
| | 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 Charges have been included on the Customer Bill. |
| | | | TA | Transaction Set Accept |
| | | | | Used only for Confirmation of RES 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 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. | |
| 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 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 | Application Error Condition Code Code indicating application error condition | M ID 1/3 |
| | | | 848 Incorrect Data | |
| Must Use | TED02 | 3 | Free Form Message Free-form text | O AN 1/60 |
| | | | 008 Account Exists but is Not Active | |
| | | | A13 Other | |
| | | | A76 Account Not Found | |
| | | | API Required Information Missing | |
| | | | BRA Inactive Supplier | |
| | | | BRB Inactive Service Point | |
| | | | BRC Invalid Number of Charges or Messages | |
| | | | CRI Cross Reference Number Invalid | |
| | | | DIS RES Charges in Dispute | |

| | |
|-----|--|
| | 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 Code identifying the functional area or purpose for which the note applies ADD Additional Information | O ID 3/3 |
| Must Use | NTE02 | 352 | Description A free-form description to clarify the related data elements and their content | M AN 1/80 |

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

Syntax Notes:

Semantic Notes:

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