

**Illinois**

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

Transaction Set  
ANSI ASC X12 Version 004010

**814**  
**Change Response**  
Version x.x

## Summary of Changes

Month #, 2008

- Initial Release.

## Implementation Notes

Uses for the 814 Change Transaction	<ul style="list-style-type: none"> <li>• The 814 Change Request may be used by the RES only to send changes to the Utility for the following data:             <ul style="list-style-type: none"> <li>○ RES Account Number</li> <li>○ Bill Option and Payment Option</li> <li>○ RES Rate Code for Rate Ready Utility Consolidated Billing</li> <li>○ MISO CP Node</li> </ul> </li> <li>• The 814 Change Request may be used by the Utility to send changes to the current RES or the Pending RES for the following data:             <ul style="list-style-type: none"> <li>○ Customer Name, Address and/or Telephone Number</li> <li>○ Billing Party Name and/or Address</li> <li>○ Bill Option and Payment Option</li> <li>○ Service Period Start and/or End Dates</li> <li>○ Service Point Additions or Removals</li> <li>○ Peak Load Contribution (PLC)</li> <li>○ Transmission Contribution (NSPL)</li> <li>○ Supply Group</li> <li>○ Meter Additions, Removals and Exchanges</li> <li>○ Meter Attributes (including Number of Dials, Meter Constant, Type of Metering, Meter Role and Special Meter Configuration)</li> <li>○ Utility Rate Class</li> <li>○ Load Profile</li> <li>○ Voltages (Service, Delivery or Meter)</li> </ul> </li> </ul>
Transaction Reference Numbers	<ul style="list-style-type: none"> <li>• On the Request, the Transaction Reference Number in the BGN02 must be unique over time. This number will be returned in the BGN06 of the Response transaction.</li> </ul>
LIN01 Reference Numbers	<ul style="list-style-type: none"> <li>• On the Request, the identifier in the LIN01 element either by itself, or in conjunction with the BGN02 element from the BGN segment, must uniquely identify each LIN request item over time. This number will be returned on the Response transaction in the same element.</li> </ul>
New Information Always Provided	<ul style="list-style-type: none"> <li>• In all circumstances, only the new information is provided in the 814 Change transaction. For example, if a RES sends an 814 Change to change the RES Account Number, the new number will be populated in the REF*11 Segment. If a Utility sends an 814 Change to change the Service Address, only the new service address will be populated in the N1*8R Loop.</li> </ul>
Reason for Change Codes	<ul style="list-style-type: none"> <li>• To simplify the implementation, all Reason for Change codes are included in the LIN Loop REF*TD segment (Detail Position 030).</li> </ul>
Definition of Mass Market Customers	<ul style="list-style-type: none"> <li>• Ameren Mass Market - Includes any account containing one or more of only the following types of service point: DS-1 (residential), DS-2 (small commercial &lt; 150 kW) or DS-5 (lighting).</li> <li>• ComEd Mass Market – Includes all residential and commercial customers under 100 kW.</li> </ul>
Definition of Service Point	<ul style="list-style-type: none"> <li>• Ameren’s systems operate at a Service Point level. A service point consists of metered or unmetered load that is assigned to a specific Ameren rate. A service point containing metered load can have one or more meters associated with it. An Ameren account may have multiple electric service points associated with it. For Mass Market accounts, the RES is required to take all service points on the account that is being enrolled. For Non-Mass Market accounts, the RES may choose which Service Points to serve. It is important to follow the</li> </ul>

Implementation of  
Service Point for 814  
Change (Ameren)

requirements in each Implementation Guide to differentiate when a Service Point Identifier may or may not be sent.

- ComEd operates at an Account Level only.
- Ameren Mass Market Reinstatement
  - The Service Point Identifier (NM1/REF\*LU) will only be sent by Ameren to the RES when the change relates to information that must be associated with a service point (for example, service point addition, meter changes, utility rate class, etc.).
- Ameren Non-Mass Market Reinstatement
  - Ameren to RES: The Service Point Identifier (NM1/REF\*LU) will be sent on the Request transaction, and may optionally be included on the Response transaction.
  - RES to Ameren: The Service Point Identifier may be included for a change in RES Rate Code or CP Node. It may not be included for a change in Bill Option or RES Account Number.

# 814 General Request, Response or Confirmation

Functional Group ID=**GE**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the General Request, Response or Confirmation Transaction Set (814) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request actions to be performed, to respond to a request for actions to be performed or to confirm information related to actions performed.

## 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	
	040	N1	Name	O	1		n1

## 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 - LIN			>1	
	010	LIN	Item Identification	O	1		
	020	ASI	Action or Status Indicator	O	1		
	030	REF	Reference Identification	O	>1		
	040	DTM	Date/Time Reference	O	>1		
			LOOP ID - NM1			>1	
	080	NM1	Individual or Organizational Name	O	1		n2
	130	REF	Reference Identification	O	>1		
M	150	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. The N1 loop is used to identify the transaction sender and receiver.
2. The NM1 loop is used to identify the parties associated with the individual line item (LIN), such as an individual consumer in a consolidated third party Consumer Service Provider transaction.

**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~814~000000001

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
<b>Must Use</b>	<b>ST01</b>	<b>143 Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 814 General Request, Response or Confirmation	<b>M ID 3/3</b>
<b>Must Use</b>	<b>ST02</b>	<b>329 Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>

**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~11~20091216ABC000000000000123456~20091216~~~20091216-ABC.000001

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>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	BGN06	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Transaction Reference Number from the BGN02 of the Request Transaction.	O AN 1/30

**Segment:** **N1** Name (Utility)  
**Position:** 040  
**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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual 8S Consumer Service Provider (CSP) Utility	<b>M ID 2/3</b>
Must Use	N102	93	<b>Name</b> Free-form name Utility Name	<b>X AN 1/60</b>
Must Use	N103	66	<b>Identification Code Qualifier</b> 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	<b>X ID 1/2</b>
Must Use	N104	67	<b>Identification Code</b> Code identifying a party or other code Utility D-U-N-S or D-U-N-S+4 Number	<b>X AN 2/80</b>

**Segment:** **N1** Name (Retail Electric Supplier)  
**Position:** 040  
**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>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Entity Identifier Code</u>	<u>M ID 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)	
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:** **N1** Name (Customer)  
**Position:** 040  
**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:**

Accept Response: Required  
Reject Response: Optional - Name may be echoed from the Request  
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

<b>Segment:</b>	<b>LIN</b> Item Identification
<b>Position:</b>	010
<b>Loop:</b>	LIN Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify basic item identification data
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either LIN04 or LIN05 is present, then the other is required.</li> <li>2 If either LIN06 or LIN07 is present, then the other is required.</li> <li>3 If either LIN08 or LIN09 is present, then the other is required.</li> <li>4 If either LIN10 or LIN11 is present, then the other is required.</li> <li>5 If either LIN12 or LIN13 is present, then the other is required.</li> <li>6 If either LIN14 or LIN15 is present, then the other is required.</li> <li>7 If either LIN16 or LIN17 is present, then the other is required.</li> <li>8 If either LIN18 or LIN19 is present, then the other is required.</li> <li>9 If either LIN20 or LIN21 is present, then the other is required.</li> <li>10 If either LIN22 or LIN23 is present, then the other is required.</li> <li>11 If either LIN24 or LIN25 is present, then the other is required.</li> <li>12 If either LIN26 or LIN27 is present, then the other is required.</li> <li>13 If either LIN28 or LIN29 is present, then the other is required.</li> <li>14 If either LIN30 or LIN31 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1 LIN01 is the line item identification
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See the Data Dictionary for a complete list of IDs.</li> <li>2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.</li> </ol>
<b>Notes:</b>	Required - All 814 transactions will contain only one LIN Loop.
	LIN~1~SH~EL~SH~CE

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LIN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set The identifier provided in the LIN01 of the Request Transaction.	O AN 1/20
Must Use	LIN02	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) SH Service Requested	M ID 2/2
Must Use	LIN03	234	<b>Product/Service ID</b> Identifying number for a product or service EL Electric	M AN 1/48
Must Use	LIN04	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) SH Service Requested	X ID 2/2
Must Use	LIN05	234	<b>Product/Service ID</b> Identifying number for a product or service CE Energy Services	X AN 1/48

**Segment:** **ASI** Action or Status Indicator  
**Position:** 020  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the action to be taken with the information provided or the status of the entity described

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

Required  
ASI~WQ~001

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ASI01	306	<b>Action Code</b> Code indicating type of action U Reject WQ Accept	M ID 1/2
Must Use	ASI02	875	<b>Maintenance Type Code</b> Code identifying the specific type of item maintenance 001 Change	M ID 3/3

**Segment:** **REF** Reference Identification (Reason for Change)  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**  
**Notes:** Optional - It is not necessary to include the Reason(s) for Change on the Response 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 TD Reason for Change	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 AMTKC Change Peak Load Contribution (PLC) AMTKZ Change Transmission Obligation (NSPL) DTM150 Change Service Period Start Date DTM151 Change Service Period End Date N18R Change Customer Name, Service Address and/or Telephone Number N1BT Change Billing Party Name and/or Address NM1MA Meter Addition NM1MQ Change Meter Attributes  NM1MR Meter Removal NM1MX Meter Exchange NM1SA Service Point Addition NM1SR Service Point Removal REF11 Change RES Account Number REF4L Change Meter Voltage REF9V Change Payment Option REFBF Change Bill Cycle REFBLT Change Bill Presenter REFCP Change MISO CP Node REFKK Change Delivery Voltage REFLO Change Load Profile REFNH Change Utility Rate Class REFPC Change Bill Calculator REFPTC Change Supply Group REFRB Change RES Rate Code REFSV Change Supply Voltage	X AN 1/30

This code is used to change the meter attributes, including Number of Dials, Meter Constant, Type of Metering, Meter Role and Special Meter Configuration.

**Segment:** **REF** Reference Identification (RES Account Number)  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**  
**Notes:**

RES to Utility: 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:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**  
**Notes:**

Required  
 Both utilities currently have 10 digit account numbers. All 10 digits, including leading zeros must be provided.  
 REF~12~0000445648  
 REF~12~0000445648~GROUPA

**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 12 Billing Account Utility 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 Utility Account Number	X AN 1/30
Dep	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content RES to Utility: Not Used Utility to RES Accept Response: This code indicates the current class of customer in regards to the POR Eligibility groups as of the time the transaction is sent. Utility to RES Reject Response: Not Used GROUPA Ameren or ComEd POR Eligibility Group A GROUPB Ameren or ComEd POR Eligibility Group B GROUPC ComEd POR Eligibility Group C NONPOR Account Not Eligible for POR (Ameren or ComEd)	X AN 1/80

**Segment:** **REF** Reference Identification (Rejection Reason Code)  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**  
**Notes:**

Accept Response: Not Used  
 Reject Response: Required  
  
 A76 & ISP are the only codes that are valid from RES to Utility; all other codes are only valid Utility to RES.  
 REF~7G~A76

**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	
			7G Data Quality Reject Reason	
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	
			008 Account Exists but is Not Active	
			A13 Other	
			A76 Account Not Found	
			A76 & ISP are the only codes that are valid from RES to Utility; all other codes are only valid Utility to RES.	
			A84 Invalid Relationship	
			Not RES of Record	
			ABN Duplicate Request Received	
			ANL RES Not Licensed to Provide the Requested Service	
			API Required Information Missing	
			Description Required in REF03	
			C11 Change Reason (REF*TD) Missing or Invalid	
			C13 Multiple Change Requests Not Supported	
			ICP Invalid MISO CP Node	
			IPO Invalid Payment Option	
			POR selected for ineligible account or POR not selected when required on REF~9V segment.	
			ISP Invalid Service Point Identifier	
			A76 & ISP are the only codes that are valid from RES to Utility; all other codes are only valid Utility to RES.	
			NCB RES Not Certified to Provide Requested Bill Option	
			NEB Customer Not Eligible for Requested Bill Option	
			UND Cannot Identify Service Provider	
			DUNS or DUNS+4 Not Valid	
			W05 Requested Rate Not Found or In Effect (Rate Ready Only)	

<b>Dep</b>	<b>REF03</b>	<b>352</b>	<p>W06 Requested RES Rate Code Invalid for the Customer Class (Rate Ready Only).</p> <p><b>Description</b> <span style="float: right;"><b>X AN 1/80</b></span></p> <p>A free-form description to clarify the related data elements and their content</p> <p>Additional Text Description</p>
------------	--------------	------------	---

**Segment:** **DTM** Date/Time Reference (Effective Date of Change)  
**Position:** 040  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:**

RES to Utility: Not Used  
 Utility to RES: Required to provide the effective date.  
 REF~DTM~152~20100930

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 152 Effective Date of Change	M ID 3/3
Must Use	DTM02	373	Date Date expressed as CCYYMMDD Effective Date of Change	X DT 8/8

**Segment:** **NM1 Individual or Organizational Name (Meter Information)**  
**Position:** 080  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To supply the full name of an individual or organizational entity  
**Syntax Notes:** 1 If either NM108 or NM109 is present, then the other is required.  
 2 If NM111 is present, then NM110 is required.  
**Semantic Notes:** 1 NM102 qualifies NM103.  
**Comments:** 1 NM110 and NM111 further define the type of entity in NM101.  
**Notes:** Ameren to RES - Mass Market: Not Used  
 Ameren to RES - Non-Mass Market: Required  
 ComEd to RES: Not Used

RES to Ameren - Mass Market: Not Used  
 RES to Ameren - Non-Mass Market: Optional  
 RES to ComEd: Not Used  
 NM1~MQ~3~~~~~32~ALL

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	NM101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual MQ Metering Location	<b>M ID 2/3</b>
Must Use	NM102	1065	<b>Entity Type Qualifier</b> Code qualifying the type of entity 3 Unknown	<b>M ID 1/1</b>
Must Use	NM108	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 32 Assigned by Property Operator	<b>X ID 1/2</b>
Must Use	NM109	67	<b>Identification Code</b> Code identifying a party or other code On the 814 Change Response, this field will always be populated with the literal "ALL".	<b>X AN 2/80</b>

**Segment:** **REF** Reference Identification (Service Point Identifier)  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**  
**Notes:**

ComEd: Not Used  
RES to Ameren: Optional  
Ameren to RES - Mass Market: Not Used  
Ameren to RES - Non-Mass Market: Required

Ameren currently uses an 8-digit Service Point number. All 8 digits, including leading zeros must be provided.  
REF~LU~00034180

**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:** **SE** Transaction Set Trailer  
**Position:** 150  
**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~13~000000001

**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

Please see separate document "814 Change Implementation Examples" for samples of each of the 814 Change transactions.