

Illinois

Implementation
Guide
For
Electronic
Data
Interchange

Transaction Set
ANSI ASC X12 Version 004010

814

Historical Usage Response

Version 2.1

Summary of Changes

- | | |
|---------------------------------|---|
| January 6, 2009
Version 1.0 | <ul style="list-style-type: none">• Initial Release. |
| January 6, 2011
Version 1.1 | <ul style="list-style-type: none">• Change Control #016 – Updated POR Eligibility Group Codes. |
| May 31, 2013
Version 2.0 | <ul style="list-style-type: none">• Change Control #040 – Added requirements for Ameren Gas |
| October 15, 2016
Version 2.1 | <ul style="list-style-type: none">• Change Control #048 – Modified requirements to allow Gas Suppliers to request Historical Interval Usage. |

Implementation Notes

Transaction Reference Numbers	<ul style="list-style-type: none"> 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.
LIN01 Reference Numbers	<ul style="list-style-type: none"> 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.
Definition of Mass Market Customers	<ul style="list-style-type: none"> Ameren Mass Market <ul style="list-style-type: none"> Electric - Includes any account containing one or more of only the following types of service points: DS-1 (residential), DS-2 (small commercial < 150 kW) or DS-5 (lighting). Gas – Includes any account containing one or more of only the following types of service points: GDS-1 (residential) and GDS-2 (small general gas delivery - provided that GDS-2 service point(s) are not on the Rider T gas transportation option). ComEd Mass Market – Includes all residential and commercial customers under 100 kW.
Definition of Service Point	<ul style="list-style-type: none"> 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 Retail Electric Supplier/Gas Supplier (RES/GS) is required to take all service points on the account that is being enrolled. For Non-Mass Market accounts, the RES/GS may choose which Service Points to serve. It is important to follow the 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.
814 HU Requests at Account Level Only	<ul style="list-style-type: none"> The Service Point Identifier (REF*LU) was not included in the Request transaction because Ameren only allows Historical Usage to be requested at an account level. If it was provided on the Request transaction, it will be ignored. Service Point Numbers will be included in the Response transaction for Ameren Non-Mass Market accounts. All 867 Historical Usage transactions will be sent at the Service Point Level. If multiple Service Points exist, one 867 will be sent for each Service Point.
HU vs. HI	<ul style="list-style-type: none"> If a RES/GS requests Historical Usage (LIN05 = “HU”), the utility will send the 867 Historical Usage transaction. If a RES/GS requests Historical Interval Usage (LIN05 = “HI”), they will receive the interval details as described below. If a RES/GS requests Historical Interval Usage (LIN05 = “HI”), and the account does not contain Interval meters, the utility will send the 867 Historical Usage transaction.

Historical Interval Usage	<ul style="list-style-type: none"> Ameren allows for Historical Interval Usage to be requested via EDI and the data will be returned via an EDI 867 Historical Usage transaction including PTD Loops SU, BQ and FG. ComEd allows for Historical Interval Usage to be requested via EDI and the 814 HU Response will contain a link where the information may be downloaded. Any applicable charges are applied to the RES non-service account.
One Commodity per Transaction	<ul style="list-style-type: none"> Each submitted transaction may be valid for only one commodity (i.e., electric or gas).

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		
			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

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	ST01	143 Transaction Set Identifier Code Code uniquely identifying a Transaction Set 814 General Request, Response or Confirmation	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~11~20130531ABC0000000000000123456~20130531~~~20130531123000001

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</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	BGN06	127	Reference Identification 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.</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/Gas 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/GS COMPANY~1~049612345

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>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 SJ Service Provider Retail Electric Supplier (RES) or Gas Supplier (GS)	M ID 2/3
Must Use	N102		93	Name Free-form name RES/GS 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/GS 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

Segment: **LIN** Item Identification
Position: 010
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes:

- 1 If either LIN04 or LIN05 is present, then the other is required.
- 2 If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:

- 1 LIN01 is the line item identification

Comments:

- 1 See the Data Dictionary for a complete list of IDs.
- 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.

Notes: Required - Only one LIN Loop will be sent.
LIN~1~SH~GAS~SH~HU
LIN~1~SH~EL~SH~HI

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	Assigned Identification 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	Product/Service ID Qualifier 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	Product/Service ID Identifying number for a product or service EL Electric GAS Gas	M AN 1/48
Must Use	LIN04	235	Product/Service ID Qualifier 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	Product/Service ID Identifying number for a product or service HI Historical Interval Usage HU Historical Usage	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~029

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ASI01	306	Action Code Code indicating type of action U Reject WQ Accept	M ID 1/2
Must Use	ASI02	875	Maintenance Type Code Code identifying the specific type of item maintenance 029 Inquiry	M ID 3/3

Segment: **REF** Reference Identification (RES/GS 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 if provided on the 814 Historical Usage Request.
REF~11~1234567890

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>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) or Gas Supplier (GS) 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/GS 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	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
Dep	REF03	352	Description A free-form description to clarify the related data elements and their content Gas: Not Used Electric Accept Response: Required - This code indicates the current class of customer in regards to the POR Eligibility groups as of the time the transaction is sent. Electric Reject Response: Not Used GROUPA POR Eligibility Group A Ameren: Residential POR Eligible Accounts ComEd: Residential GROUPB POR Eligibility Group B Ameren: Commercial Mass Market POR Eligible Accounts ComEd: Commercial Mass Market POR Eligible Accounts (watt-hour/small) GROUPC POR Eligibility Group C Ameren: Non-Mass Market POR Eligible Accounts ComEd: Non-Mass Market POR Eligible Accounts (medium) GROUPD POR Eligibility Group D Ameren: Not Used ComEd: Lighting NONPOR Account Not Eligible for POR	X AN 1/80

Segment: **REF** Reference Identification (Status 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: Required if applicable
Reject Response: Not Used
REF~1P~HUU
REF~1P~HUR~CUSTOMER BLOCKED

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 1P Accessorial Status Code Status Reason Code	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 HIU Historical Interval Usage Unavailable HUR Historical Usage Not Released HUU Historical Usage Unavailable	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content Additional Text Description	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
 REF~7G~A76

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 7G Data Quality Reject Reason	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 008 Account Exists but is Not Active A13 Other A76 Account Not Found A91 Service Not Available ABN Duplicate Request Received API Required Information Missing CMB Account Not Eligible - Minimum Stay The date the customer will become eligible will be provided in the DTM~307 segment on the 867 Historical Usage. UND Cannot Identify Service Provider DUNS or DUNS+4 Not Valid	X AN 1/30
Dep	REF03	352	Description A free-form description to clarify the related data elements and their content Additional Text Description	X AN 1/80

Segment: **REF** Reference Identification (URL)
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: Ameren HI Accept Response: Not Used
ComEd HI Accept Response: Required if providing website to obtain HIU
All Other Responses: Not Used
REF*URL**www.comedpowerpath.com/datarequest/DIGEX_RIF.ASP?R=X12345&P=0123

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 URL Uniform Resource Locator	M ID 2/3
Must Use	REF03	352	Description A free-form description to clarify the related data elements and their content URL where Historical Interval Usage may be found.	X AN 1/80

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 Mass Market: Optional
 Ameren Non-Mass Market Accept Response: Required if sent on the Request
 Ameren Non-Mass Market Reject Response: Not Used
 ComEd: Not Used

One NM1 Loop including one REF*LU segment will be sent for each Service Point Identifier on Ameren Non-Mass Market Accounts.

```

NM1~MQ~3~~~~~32~ALL
REF~LU~00031324
NM1~MQ~3~~~~~32~ALL
REF~LU~39834108
NM1~MQ~3~~~~~32~ALL
REF~LU~10390180
  
```

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	NM101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual MQ Metering Location	M ID 2/3
Must Use	NM102	1065	Entity Type Qualifier Code qualifying the type of entity 3 Unknown	M ID 1/1
Must Use	NM108	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 32 Assigned by Property Operator Meter Number	X ID 1/2
Must Use	NM109	67	Identification Code Code identifying a party or other code This field will contain the literal "ALL" which indicates that all meters and/or unmetered services for that service point are included.	X AN 2/80

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:

Ameren Mass Market: Optional
 Ameren Non-Mass Market Accept Response: Optional
 Ameren Non-Mass Market Reject Response: Not Used
 ComEd: Not Used

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	M ID 2/3
			Code qualifying the Reference Identification	
			LU Location Number	
			Service Point Identifier	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			Service Point Identifier	

Segment: **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	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Example #1A – Historical Usage Accept Response

Gray segments are optional or dependent.

Electric	Gas
<p>ComEd or Ameren Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HU ASI*WQ*029 REF*11*0012345600 REF*12*0312345624*GROUPX SE*10*0001</p>	<p>Ameren Mass Market To be added</p>
<p>Ameren Non-Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HU ASI*WQ*029 REF*11*0012345600 REF*12*0312345624*GROUPX NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*14*0001</p>	<p>Ameren Non-Mass Market To be added</p>

Example #1B – Historical Usage Accept Response with Historical Usage Unavailable

Electric	Gas
<p>ComEd or Ameren Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HU ASI*WQ*029 REF*1P*HUU REF*11*0012345600 REF*12*0312345624*GROUPX SE*11*0001</p>	<p>Ameren Mass Market To be added</p>
<p>Ameren Non-Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HU ASI*WQ*029 REF*1P*HUU REF*11*0012345600 REF*12*0312345624*GROUPX NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001</p>	<p>Ameren Non-Mass Market To be added</p>

Example #1C – Historical Usage Reject Response

Electric	Gas
<p>ComEd or Ameren Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HU ASI*U*029 REF*11*0012345600 REF*12*0312345624 REF*7G*A76*ACCOUNT NOT FOUND SE*11*0001</p>	<p>Ameren Mass Market To be added</p>
<p>Ameren Non-Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HU ASI*U*029 REF*11*0012345600 REF*12*0312345624 REF*7G*A76*ACCOUNT NOT FOUND SE*11*0001</p>	<p>Ameren Non-Mass Market To be added</p>

Example #2A – Historical Interval Usage Accept Response

<p>Electric</p> <p>ComEd ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HI ASI*WQ*029 REF*11*0012345600 REF*12*0312345624*GROUPX</p> <p>REF*URL**www.utilitywebsite.com/datarequest/DI GEX_RIF.ASP?R=X12345&P=0123 SE*11*0001</p>	<p>Gas</p> <p>Not Allowed</p>
<p>Ameren Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HI ASI*WQ*029 REF*11*0012345600 REF*12*0312345624*GROUPX SE*10*0001</p>	<p>Not Allowed</p>
<p>Ameren Non-Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HI ASI*WQ*029 REF*11*0012345600 REF*12*0312345624*GROUPX NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*14*0001</p>	<p>Ameren Non-Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*GAS*SH*HI ASI*WQ*029 REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*14*0001</p>

Example #2B – Historical Interval Usage Accept Response for Non-Interval Account

<p>Electric ComEd or Ameren Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HI ASI*WQ*029 REF*1P*HIU*NOT INTERVAL ACCOUNT HU WILL BE SENT REF*11*0012345600 REF*12*0312345624*GROUPX SE*11*0001</p>	<p>Gas Not Allowed</p>
<p>Ameren Non-Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HI ASI*WQ*029 REF*1P*HIU*NOT INTERVAL ACCOUNT HU WILL BE SENT REF*11*0012345600 REF*12*0312345624*GROUPX NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001</p>	<p>Ameren Non-Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*GAS*SH*HI ASI*WQ*029 REF*1P*HIU*NOT INTERVAL ACCOUNT HU WILL BE SENT REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001</p>

Example #2C – Historical Interval Usage Reject Response - Electric

Electric	Gas
<p>ComEd or Ameren Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HI ASI*U*029 REF*7G*A76*ACCOUNT INVALID REF*11*0012345600 REF*12*0312345624 SE*11*0001</p>	<p>Not Allowed</p>
<p>Ameren Non-Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*HI ASI*U*029 REF*7G*A76*ACCOUNT INVALID REF*11*0012345600 REF*12*0312345624 SE*11*0001</p>	<p>Ameren Non-Mass Market ST*814*0001 BGN*11*20130401XXXXYY00001*20130401***20 13033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*GAS*SH*HI ASI*U*029 REF*7G*A76*ACCOUNT INVALID REF*11*0012345600 REF*12*0312345624 SE*11*0001</p>