

Illinois

Implementation
Guide
For
Electronic
Data
Interchange

Transaction Set
ANSI ASC X.12 Version 004010

814
Drop Response
Version x.x

Summary of Changes

Month #, 2008

- Initial Release.

Implementation Notes

- Uses for the 814 Drop Transaction
- The 814 Drop may be used for the following purposes:
 - Utility Initiated Drop (e.g., account finals, customer switches)
 - RES Initiated Drop
 - Utility Initiated Enrollment Rescission (Ameren Only)
 - RES Initiated Enrollment Rescission
 - RES Initiated Drop Rescission (Cancel Drop)
 - Please see the ASI and REF*IP segments, which indicate the purpose of the 814 Drop transaction.
- Transaction Reference Numbers
- 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
- 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
- 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 < 150 kW) or DS-5 (lighting).
 - ComEd Mass Market – Includes all residential and commercial customers under 100 kW.
- Definition of Service Point
- 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 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.
- Implementation of Service Point for 814 Drop (Ameren)
- Ameren Mass Market Drop (RES to Ameren or Ameren to RES)
 - The Service Point Identifier (NM1/REF*LU) will not be sent.
 - If the RES would send a Service Point number for a Mass Market customer, Ameren will ignore it. If a second 814 Drop is sent for the same account (i.e., two service points exist and the RES sent one 814 for each service point), the second 814 will be rejected as a duplicate (Rejection Reason Code ABN).
 - RES to Ameren Non-Mass Market Drop
 - Request – The RES has three options:
 - The RES may drop the entire account by not including the Service Point Identifier (NM1/REF*LU).
 - The RES may send one 814 and include all Service Point Identifiers in NM1/REF*LU loops.
 - The RES may send one 814 Drop for each Service Point.
 - Response – The Service Point Identifier(s) (NM1/REF*LU) will be sent on all Drop Responses for Non-Mass Market customers.
 - Ameren to RES Non-Mass Market Drop

- The Service Point Identifier (NM1/REF*LU) will be sent on the Request transaction, and may optionally be included on the Response transaction.
- Cancel Drop
 - Ameren: For both Mass Market and non-Mass Market accounts, a RES may rescind their pending drop by sending an 814 Drop transaction with a Cancel indicator. The EDI transaction must be received from the RES and processed by the Company at least two business days prior to either the scheduled meter reading date (for an on-cycle drop) or the requested drop effective date (for an off-cycle drop).
 - ComEd will accept an 814 Drop transaction with a Cancel indicator from the RES up to 5-calendar days before the scheduled switch date. If the transaction is received less than 5-calendar days before the scheduled switch date, the rescind request will be rejected.
 - A Cancel Drop Request transaction from the RES to the Utility contains the same information as a Drop Response transaction, with the ASI code “026” instead of “024”.
 - A Cancel Drop Response transaction from the Utility to the RES contains the same information as a Drop Response transaction, with the ASI code “026” instead of “024” and the DTM code “150” instead of “151”. The date that is provided in the DTM*150 will be the same date that was provided on the original Drop Response.
- RES Enrollment
Rescission
 - To rescind an enrollment, a RES will send an 814 Drop transaction and include the REF*1P*EB3 segment, which indicates that the reason for the Drop is a rescission.
 - For Ameren, if the utility processes the transaction at least two business days prior to the **scheduled enrollment date** (for an on-cycle enrollment) or the requested effective date (for an off-cycle enrollment), the customer will revert to their current RES (who will receive an 814 Reinstatement).
 - For ComEd, if the utility processes the transaction at least two business days prior to the **billing window in which the enrollment is scheduled** (for an on-cycle enrollment) or the requested effective date (for an off-cycle enrollment), the customer will revert to their current RES (who will receive an 814 Reinstatement).
 - If the utility receives an 814 Drop with a REF*1P*EB3 beyond the time that they can act on the rescission, the transaction will be rejected and the RES will be expected to send a regular 814 Drop.

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

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

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

Comments:

Notes:

Required
 BGN~11~20091216ABC000000000000123456~20091216~~~20091215123000001

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

Segment: **N1** Name (Retail Electric Supplier)
Position: 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. 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 SJ Service Provider Retail Electric Supplier (RES)	M ID 2/3
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

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 - All 814 transactions will contain only one LIN Loop. The LIN Loop on the Response will echo what was sent on the Request.
LIN~1~SH~EL~SH~CE
LIN~1~SH~EL~SH~CE~SH~SW

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</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	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 CE Energy Services	X AN 1/48
	LIN06	235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Ameren: Optional ComEd: Not Used SH Service Requested	X ID 2/2
	LIN07	234 Product/Service ID	X AN 1/48

Identifying number for a product or service

Ameren: Optional

ComEd: Not Used

SW

Off Cycle Drop

Request for a special meter read for a customer to drop off cycle, i.e., not at the next, regularly scheduled meter read. DTM~MRR is required when requesting an off-cycle read.

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~024

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 024 Cancellation or Termination 026 Correction Cancel Drop	M ID 3/3

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 814 Change transactions.
 REF~11~1234567890

Data Element Summary

Must Use	<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: 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 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 ComEd codes are not yet defined. GROUPA Ameren POR Eligibility Group A GROUPB Ameren POR Eligibility Group B NONPOR Account Not Eligible for POR	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 is the only code that is valid from RES to Utility all other codes are only valid Utility to RES.
 REF~7G~A13~REJECTION REASON TEXT

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 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 - Provide Reason Text in REF03 A76 Account Not Found A76 is the only code that is valid from RES to Utility all other codes are only valid Utility to RES. ABN Duplicate Request Received API Required Information Missing B14 Reversal Time Expired DIV Requested Effective Date is more than 45 days in the future.	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: **DTM** Date/Time Reference (Service Period End Date)
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:

Utility to RES Accept Response: Required
 All Other Responses: Not Used
 DTM~151~20100530

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>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 151 Service Period End	M ID 3/3
Must Use	DTM02	373	Date Date expressed as CCYYMMDD Service Period End Date	X DT 8/8

Segment: **DTM** Date/Time Reference (Service Period Start Date)
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: Required for Accept Cancel Drop Response, otherwise Not Used
 This date will be the same date that was populated in the DTM*151 of the original Drop Accept Response.
 DTM~150~20100530

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	
			150 Service Period Start	
Must Use	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
			Service Period Start Date	

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

Ameren to RES - Mass Market: Not Used
 Ameren to RES Accept Response – Non-Mass Market: Required
 Ameren to RES Reject Response – Non-Mass Market: Optional
 ComEd to RES: Not Used

One NM1 Loop including one REF*LU segment will be sent for each Service Point Identifier that is being Dropped by Ameren for Non-Mass Market Accounts. For example, if the RES did not include Service Point Identifiers on a Drop Request, Ameren will provide them on the Drop Response (for Non-Mass Market Customers Only).

The RES may respond back with one NM1 Loop including one REF*LU segment for each Service Point on the Request. However, it is not necessary to include the NM1 Loops on the Response. Please note that an Accept or Reject must be for the entire transaction, including all Service Points.

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

	Ref. Des.	Data Element	Name	Attributes
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	X ID 1/2
Must Use	NM109	67	Identification Code Code identifying a party or other code Meter Number	X AN 2/80

This field will contain the literal "ALL" which indicates that all meters and/or unmetered services for that service point are included.

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:

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

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

One NM1 Loop including one REF*LU segment will be sent for each Service Point Identifier that is being Dropped by Ameren for Non-Mass Market Accounts. For example, if the RES did not include Service Point Identifiers on a Drop Request, Ameren will provide them on the Drop Response (for Non-Mass Market Customers Only).

The RES may respond back with one NM1 Loop including one REF*LU segment for each Service Point on the Request. However, it is not necessary to include the NM1 Loops on the Response. Please note that an Accept or Reject must be for the entire transaction, including all Service Points.

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

Example #1A – Drop Accept Response – Utility to RES

ComEd or Ameren Mass Market

Gray segments are optional or dependent.

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
 ASI*WQ*024
 REF*11*0012345600
 REF*12*0312345624*GROUPX
 DTM*150*20100721
SE*11*0001

Example #1B – Drop Reject Response – Utility to RES

ComEd or Ameren Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
 ASI*U*024
 REF*11*0012345600
 REF*12*0312345624
 REF*7G*A76*ACCOUNT NOT FOUND
SE*11*0001

Example 2A – Drop Accept Response – Ameren to RES

Ameren Non-Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
 ASI*WQ*024
 REF*11*0012345600
 REF*12*0312345624*GROUPX
 NM1*MQ*3*****32*ALL
 REF*LU*00000101
 NM1*MQ*3*****32*ALL
 REF*LU*00007912
SE*14*0001

Example 2B – Drop Reject Response – Ameren to RES

Ameren Non-Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*U*024
REF*11*0012345600
REF*12*0312345624
REF*7G*A76*ACCOUNT NOT FOUND
NM1*MQ*3*****32*ALL
REF*LU*00000101
NM1*MQ*3*****32*ALL
REF*LU*00007912
SE*14*0001

Example 3 – Drop Accept Response – RES to Utility

ComEd or Ameren Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*WQ*024
REF*11*0012345600
REF*12*0312345624
SE*10*0001

Example 4 – Drop Accept Response – RES to Ameren

Ameren Non-Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*WQ*024
REF*11*0012345600
REF*12*0312345624
NM1*MQ*3*****32*ALL
REF*LU*00000101
NM1*MQ*3*****32*ALL
REF*LU*00007912
SE*14*0001

Example 5A – Enrollment Rescission Drop Accept Response – Utility to RES

ComEd or Ameren Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*WQ*024
REF*11*0012345600
REF*12*0312345624*GROUPX
DTM*150*20100721
SE*11*0001

Example 5B – Enrollment Rescission Drop Reject Response – Utility to RES

Ameren Non-Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*U*024
REF*11*0012345600
REF*12*0312345624
REF*7G*A76*ACCOUNT NOT FOUND
SE*11*0001

Example 6A – Enrollment Rescission Drop Accept Response – Utility to RES

ComEd or Ameren Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*WQ*024
REF*11*0012345600
REF*12*0312345624*GROUPX
DTM*150*20100721
NM1*MQ*3*****32*ALL
REF*LU*00000101
NM1*MQ*3*****32*ALL
REF*LU*00007912
SE*15*0001

Example 6B – Enrollment Rescission Drop Reject Response – Utility to RES

Ameren Non-Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*U*024
REF*11*0012345600
REF*12*0312345624
REF*7G*A76*ACCOUNT NOT FOUND
NM1*MQ*3*****32*ALL
REF*LU*00000101
NM1*MQ*3*****32*ALL
REF*LU*00007912
SE*15*0001

Example 7 – Off-Cycle Drop Accept Response – Utility to RES (Ameren Only)

Ameren Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE*SH*SW
ASI*WQ*024
REF*11*0012345600
REF*12*0312345624*GROUPX
DTM*151*20100721
SE*11*0001

Example 8 – Off-Cycle Drop Accept Response – Utility to RES (Ameren Only)

Ameren Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE*SH*SW
ASI*WQ*024
REF*11*0012345600
REF*12*0312345624*GROUPX
DTM*151*20100721
NM1*MQ*3*****32*ALL
REF*LU*00000101
NM1*MQ*3*****32*ALL
REF*LU*00007912
SE*15*0001

Example 9 – Requested On-Cycle Drop Accept Response – Utility to RES

ComEd or Ameren Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*WQ*024
REF*11*0012345600
REF*12*0312345624*GROUPX
DTM*151*20100807
SE*11*0001

Example 10 – Requested On-Cycle Drop Accept Response – Utility to RES

ComEd or Ameren Mass Market

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*WQ*024
REF*11*0012345600
REF*12*0312345624*GROUPX
DTM*151*20100807
NM1*MQ*3*****32*ALL
REF*LU*00000101
NM1*MQ*3*****32*ALL
REF*LU*00007912
SE*15*0001

Example 11 – Drop Rescission (Cancel Drop) Accept Response – Utility to RES

ComEd or Ameren Mass Market

Notice the only difference between this and Example 1A is the "026" in ASI02 and DTM*150.

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*WQ***026**
REF*11*0012345600
REF*12*0312345624*GROUPX
DTM*150*20100721 This date is the same date provided on the original Drop DTM*151
SE*11*0001

Example 12 – Drop Rescission (Cancel Drop) Accept Response – Utility to RES

Ameren Non-Mass Market

Notice the only difference between this and Example 2A is the "026" in ASI02 and DTM*150.

ST*814*0001
BGN*11*804567*20100701***2010063000001
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*WQ***026**
REF*11*0012345600
REF*12*0312345624*GROUPX
DTM*150*20100721 This date is the same date provided on the original Drop DTM*151
NM1*MQ*3*****32*ALL
REF*LU*00000101
NM1*MQ*3*****32*ALL
REF*LU*00007912
SE*15*0001