

Illinois

Implementation
Guide
For
Electronic
Data
Interchange

Transaction Set
ANSI ASC X.12 Version 004010

814
Drop Request
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
	080	PER	Administrative Communications Contact	O	>1		

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

	Ref.	Data	Attributes
	Des.	Element Name	
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~13~20091215123000001~20091215

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 13 Request	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

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.</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: Required
 N1~8R~CUSTOMER NAME

Data Element Summary

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

Segment: **PER** Administrative Communications Contact
Position: 080
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Notes:

RES to Utility: Not Used
Utility to RES: Optional
PER~IC~CUSTOMER NAME~TE~6305551212

Data Element Summary

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

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.
LIN~1~SH~EL~SH~CE
LIN~1~SH~EL~SH~CE~SH~SW

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 On the Request, identifier supplied in this 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.	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	X ID 2/2

LIN07	234	SH Service Requested Product/Service ID Identifying number for a product or service	X AN 1/48
		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~F~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 F Final	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 Drop Cancel Drop - This code is only used by the RES to cancel a drop transaction that was previously submitted.	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

Ref. Des.	Data Element	Name	Attributes
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: This code indicates the current class of customer in regards to the POR Eligibility groups as of the time the transaction is sent. 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 (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:

RES to Utility: Required for RES to Rescind an Enrollment, otherwise Not Used
 Utility to RES: Required
 REF~1P~CHA
 REF~1P~B38~ACCOUNT FINALLED

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	
			1P Accessorial Status Code	
			Drop Reason Code	
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	
			B38 Dropped	
			RES to Utility: Not Used	
			Utility to RES: Account Finalled with the Utility	
			CHA Customer Switched	
			RES to Utility: Not Used	
			Utility to RES: Customer Switched	
			EB3 Rescind Enrollment	
			RES to Utility: Please see the RES Enrollment Rescission in the Implementation Notes for additional information.	
			Utility to RES: The customer contacted the Utility to Rescind the Enrollment	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			Drop Reason Text	

Segment: **DTM** Date/Time Reference (Requested Off-Cycle Drop 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: RES to Ameren: Required for Off-Cycle Drop, otherwise not used.
 Ameren to RES: Not Used
 ComEd: Not Used

If LIN contains an SW identifier, then DTM~MRR must also be sent. If the date is not sent, the transaction will still be Accepted. For Non-Mass Market customers the Service End Date will be the next business day that is at least 7 calendar days from the date the utility processes the 814. For Mass Market customers, the Service End Date will be the next scheduled meter read date.

If the Requested Effective Date is more than 45 calendar days from the date the 814 is processed, the transaction will be Rejected.

If the Requested Effective Date is less than 7 calendar days from the date the 814 is processed, the transaction will be Accepted and the Service End Date will be the next business day that is at least 7 calendar days from the date the 814 is processed.
 DTM~MRR~20100614

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 MRR Meter Reading	M ID 3/3
				The date the RES would like to have the meter read and the customer dropped from the RES's service. This will not change the meter read cycle.
Must Use	DTM02	373	Date Date expressed as CCYYMMDD Requested Off-Cycle Drop Date	X DT 8/8

Segment: **DTM** Date/Time Reference (Requested On-Cycle Drop 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: RES to Utility: Required if requesting a drop to occur on-cycle but not necessarily on the next scheduled meter read date. Otherwise, Not Used.
Utility to RES: Not Used

This date is a "drop no earlier than" date and must be within 45 days of the date the drop transaction is processed by the Utility.

If the date provided is beyond the next scheduled meter read date, and within 45 days of the date the utility processes the enrollment, the drop will occur on the following meter read date. This is true even if the scheduled meter read date is past 45 days.

If the Requested Effective Date is more than 45 calendar days from the date the 814 is processed, the transaction will be Rejected.

If the Requested Effective Date is less than 7 calendar days from the date the 814 is sent, the transaction will be Accepted and the Service End Date will be the scheduled meter read date beyond the 7 calendar days.
DTM~007~20100614

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 007 Effective Requested Future On-Cycle Drop Date	M ID 3/3
Must Use	DTM02	373	Date Date expressed as CCYYMMDD Requested Future On-Cycle Drop Date	X DT 8/8

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:

RES to Utility: Not Used
 Utility to RES: Required
 DTM~151~20100530

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 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: **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 to Drop by Service Point
 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.

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.</u> <u>Des.</u>	<u>Data</u> <u>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:

RES to Ameren - Mass Market: Not Used
RES to Ameren - Non-Mass Market: Optional to Drop by Service Point
RES to ComEd: Not Used

Ameren to RES - Mass Market: Not Used
Ameren to RES - Non-Mass Market: Required
ComEd to RES: 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 Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Example 1 – Drop Request – RES to Utility

ComEd or Ameren Mass Market

Gray segments are optional or dependent.

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*F*024
REF*11*0012345600
REF*12*0312345624
SE*10*0001

Example 2 – Drop Request – RES to Ameren

Ameren Non-Mass Market

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*F*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 3 – Drop Request – Utility to RES

ComEd or Ameren Mass Market

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
AST*F*024
REF*1P*B38
REF*11*0012345600
REF*12*0312345624*NONPOR
DTM*151*20100801
SE*12*0001

Example 4 – Drop Request – Ameren to RES

Ameren Non-Mass Market

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
PER~IC~CUSTOMER CONTACT~TE~6305551212
LIN*1*SH*EL*SH*CE
ASI*F*024
REF*1P*CHA*CUSTOMER SWITCHED
REF*11*0012345600
REF*12*0312345624*GROUPB
DTM*151*20100801
NM1*MQ*3*****32*ALL
REF*LU*00000101
NM1*MQ*3*****32*ALL
REF*LU*00007912
SE*17*0001

Example 5 – Enrollment Rescission Drop Request – RES to Utility

ComEd or Ameren Mass Market

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*F*024
REF*1P*EB3*CUSTOMER RESCINDED
REF*11*0012345600
REF*12*0312345624
SE*11*0001

Example 6 – Enrollment Rescission Drop Request – RES to Ameren

Ameren Non-Mass Market

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*F*024
REF*1P*EB3*CUSTOMER RESCINDED
REF*11*0012345600
REF*12*0312345624
NM1*MQ*3*****32*ALL
REF*LU*00000101
NM1*MQ*3*****32*ALL
REF*LU*00007912
SE*15*0001

Example 7 – Off-Cycle Drop Request – RES to Ameren
Ameren Mass Market

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE*SH*SW
ASI*F*024
REF*11*0012345600
REF*12*0312345624
DTM*MRR*20100801
SE*11*0001

Example 8 – Off-Cycle Drop Request – RES to Ameren
Ameren Non-Mass Market

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE*SH*SW
ASI*F*024
REF*11*0012345600
REF*12*0312345624
DTM*MRR*20100801
NM1*MQ*3*****32*ALL
REF*LU*00000101
NM1*MQ*3*****32*ALL
REF*LU*00007912
SE*14*0001

Example 9 – Requested On-Cycle Drop Request – RES to Utility
ComEd or Ameren Mass Market

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*F*024
REF*11*0012345600
REF*12*0312345624
DTM*007*20100801
SE*11*0001

Example 10 – Requested On-Cycle Drop Request – RES to Ameren

Ameren Non-Mass Market

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*F*024
REF*11*0012345600
REF*12*0312345624
DTM*007*20100801
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) Request – RES to Utility

ComEd or Ameren Mass Market

Notice the only difference between this and Example 1 is the "026" in ASI02.

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*F***026** The 026 designates that this is a Cancel Drop
REF*11*0012345600
REF*12*0312345624
SE*10*0001

Example 12 – Drop Rescission (Cancel Drop) Request – RES to Utility

Ameren Non-Mass Market

Notice the only difference between this and Example 2 is the "026" in ASI02.

ST*814*0001
BGN*13*2010063000001*20100630
N1*8S*UTILITY*1*006912345
N1*SJ*SUPPLIER*9*007909111IL00
N1*8R*CUSTOMER NAME
LIN*1*SH*EL*SH*CE
ASI*F***026** The 026 designates that this is a Cancel Drop
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