

Illinois

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

Transaction Set
ANSI ASC X12 Version 004010

814
Change Request
Version 2.9

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 Change Control #022 – Added REF*SPL for Ameren’s Rate Zone Change Control #023 – Changed POR Group to Optional
August 3, 2011 Version 1.2	<ul style="list-style-type: none"> Change Control #028 – Added PER 05-08 for optional second and third telephone numbers Change Control #030 – Corrected Billing Address Zip Code to be “Required if Available” and provided examples where zip code is not available
June 7, 2013 Version 2.0	<ul style="list-style-type: none"> Change Control #039 – Added the ability for Ameren to send Change transactions for Peak Demand, Total kWh and Number of Months Change Control #040 – Added requirements for Ameren Gas and corrected use of Service Point Identifier
October 14, 2013 Version 2.1	<ul style="list-style-type: none"> Change Control #041 – Corrected example on AMT*M2
January 23, 2015 Version 2.2	<ul style="list-style-type: none"> Change Control #042 – Added AMI Data Preference Identifier (REF*17), Demand Response Indicator (REF*DR) and AMI Data Availability (REF*KX).
June 2, 2015 Version 2.3	<ul style="list-style-type: none"> Change Control #043 – Modified AMI Data Preference Identifier (REF*17), and Demand Response Indicator (REF*DR) to indicate that they may be sent by ComEd on the Change Request.
January 25, 2016 Version 2.4	<ul style="list-style-type: none"> Change Control #045 – Added Net Meter Contract Identifier (REF*NM) for use by ComEd, along with the associated Reason for Change Code REFNM.
May 18, 2018 Version 2.5	<ul style="list-style-type: none"> Change Control #050 – Added Community Solar Participant Indicator (REF*AN) along with the associated Reason for Change Code REFAN. Added examples to the end of the document.
November 16, 2018 Version 2.6	<ul style="list-style-type: none"> Change Control #051 – Added New Special Meter Configuration Code to (REF*KY).
September 30, 2019 Version 2.7	<ul style="list-style-type: none"> Change Control #052 – Added Low Income Customer Indicator (REF*5E) and associated Reason for Change code REF5E.
September 15, 2023 Version 2.8	<ul style="list-style-type: none"> Change Control #055 – Updated PLC (AMT*KC) and NSPL (AMT*KZ) to indicate that negative values may be sent. Added REF12 to the Reason for Change codes in the REF*TD and REF*45 for the Old Utility Account Number.
September 17, 2025 Version 2.9	<ul style="list-style-type: none"> Change Control #058 – Community Solar and Net Metering Changes including: <ul style="list-style-type: none"> Updated Notes section and for ComEd to allow the AMI Data Preference Identifier for Small Commercial accounts. Changed Net Meter Contract Indicator (REF*NM)’s purpose from identifying only for ComEd whether a RES established a Net Meter contract to being used by both utilities to identify either that there is no net metering or the type of net metering. This is used to determine

whether RES needs to provide kWh or monetary credit and whether kWh credits expire. The new field name is Net Meter Classification.

- Changed Community Solar Participant Indicator to Optional.
- Removed Special Meter Configuration Code “VO” which was used to identify ComEd’s pseudo meters for Community Solar.
- Updated examples based on production data.

Implementation Notes

Uses for the 814 Change Transaction	<ul style="list-style-type: none"> • The 814 Change Request may be used by the RES/GS only to send changes to the Utility for the following data: <ul style="list-style-type: none"> ○ RES/GS Account Number ○ Bill Option and Payment Option ○ RES/GS Rate Code for Rate Ready Utility Consolidated Billing ○ MISO CP Node ○ Bank Election Factor • The 814 Change Request may be used by the Utility to send changes to the current RES/GS or the Pending RES/GS for the following data: <ul style="list-style-type: none"> ○ Customer Name, Address and/or Telephone Number ○ Billing Party Name and/or Address ○ Bill Option and Payment Option ○ Service Period Start and/or End Dates ○ Service Point Additions or Removals ○ Peak Load Contribution (PLC) ○ Transmission Contribution (NSPL) ○ Supply Group ○ Meter Additions, Removals and Exchanges ○ Meter Attributes (including Number of Dials, Meter Constant, Type of Metering, Meter Role and Special Meter Configuration) ○ Utility Rate Class ○ Load Profile ○ Voltages (Service, Delivery or Meter) ○ Peak Demand ○ Total kWh ○ Number of Months for Peak Demand/Total kWh ○ Bank Election Factor ○ Maximum Daily Contract Quantity (MDCQ) ○ Maximum Allowable Operating Pressure (MAOP) ○ Pool Group Number ○ AMI Data Preference Identifier ○ Demand Response Indicator ○ Net Meter Classification
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.
New Information Always Provided	<ul style="list-style-type: none"> • In all circumstances, only the new information is provided in the 814 Change transaction. For example, if a RES/GS sends an 814 Change to change the RES/GS Account Number, the new number will be populated in the REF*11 Segment. If a Utility sends an 814 Change to change the Service Address, only the new service address will be populated in the N1*8R Loop.
Reason for Change Codes	<ul style="list-style-type: none"> • To simplify the implementation, all Reason for Change codes are included in the LIN Loop REF*TD segment (Detail Position 030).

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.
Implementation of Service Point for 814 Change (Ameren)	<ul style="list-style-type: none"> • Ameren Mass Market Change <ul style="list-style-type: none"> ○ The Service Point Identifier (NM1/REF*LU) will only be sent by Ameren to the RES/GS when the change relates to information that must be associated with a service point (for example, service point addition, meter changes, utility rate class, etc.). • Ameren Non-Mass Market Change <ul style="list-style-type: none"> ○ Ameren to RES/GS: The Service Point Identifier (NM1/REF*LU) will be sent on the Request transaction, and may optionally be included on the Response transaction. ○ RES/GS to Ameren: The Service Point Identifier may be included for a change in RES/GS Rate Code or CP Node. It may not be included for a change in Bill Option or RES/GS Account Number.
AMI Data Preference Identifier	<ul style="list-style-type: none"> • The AMI Data Preference Identifier is activated by the RES to indicate to the Utility that interval reads for any AMI meter(s) on the requested account should be provided. <ul style="list-style-type: none"> ○ For Ameren, the activation of the AMI Data Preference Identifier (REF*17*DAILY) on a given account will cause 1.) the most recently available 24 hours’ worth of AMI reads to be sent via the EDI 867DU transaction each day; and 2.) a monthly set of AMI reads to be included in the EDI 867MU transaction when the account bills. The AMI Data Preference Identifier may only be requested for DS1 and DS2 rate classes. ○ For ComEd, the activation of the Daily AMI Data Preference Identifier (REF*17*DAILY) on a given account will cause 1.) the most recently available 24 hours’ worth of AMI reads to be posted to the supplier portal; and 2.) a monthly set of AMI reads to be included in the EDI 867 MU transaction when the account bills. The activation of the

	<p>MONTHLY AMI Data Preference Identifier (REF*17*MONTHLY) will cause a monthly set of AMI reads to be included in the EDI 867 MU transaction when the account bills. The AMI Data Preference Identifier may only be requested for Residential and Small Commercial accounts.</p>
Demand Response Indicator	<ul style="list-style-type: none"> • The DR Indicator is activated by the RES or the Utility to indicate that the account or service point is currently on a demand response program. Note that ComEd requires the RES to receive interval AMI reads (see AMI Data Preference Identifier) in order to set the DR Indicator. <ul style="list-style-type: none"> ○ For Ameren, a RES can activate the DR Indicator on any service point for any account (large or small) that it is enrolling. If the RES submits an account level enrollment and activates the DR Indicator, then all electric service points associated with the account will have their respective DR Indicators activated. If the RES submits a service point level enrollment and activates the DR Indicator, then the DR Indicator associated with the requested service point will be activated. ○ For ComEd, the DR Indicator can only be activated for residential accounts at this time. ComEd may include Small Commercial accounts in the future. Note that ComEd requires the activation of the AMI Data Preference Identifier in order to notify ComEd that a customer is participating in a Demand Response program offered by the RES.
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
	060	N3	Address Information	O	2		
	070	N4	Geographic Location	O	1		
	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		
	060	AMT	Monetary Amount	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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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~13~20091216-ABC.000001~20091216

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
Must Use	BGN01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			13 Request	
Must Use	BGN02	127	Reference Identification	M AN 1/30
			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.	
Must Use	BGN03	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
			The transaction creation date - the date that the data was processed by the sender's application system.	

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~AMEREN ILLINOIS~1~006936017 N1~8S~COMMONWEALTH EDISON CO~1~006929509

Data Element Summary					
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	N101	98	Entity Identifier Code	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			8S Consumer Service Provider (CSP)		
			Utility		
Must Use	N102	93	Name	X	AN 1/60
			Free-form name		
			Utility Name		
Must Use	N103	66	Identification Code Qualifier	X	ID 1/2
			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		
Must Use	N104	67	Identification Code	X	AN 2/80
			Code identifying a party or other code		
			Utility D-U-N-S or D-U-N-S+4 Number		
			006929509 Commonwealth Edison Company		
			006936017 Ameren Illinois		

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>Name</u>	<u>Attributes</u>	
Must Use	N101	98	Entity Identifier Code	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			SJ		Service Provider
					Retail Electric Supplier (RES) or Gas Supplier (GS)
Must Use	N102	93	Name	X	AN 1/60
			Free-form name		
			RES/GS Name		
Must Use	N103	66	Identification Code Qualifier	X	ID 1/2
			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
Must Use	N104	67	Identification Code	X	AN 2/80
			Code identifying a party or other code		
			RES/GS D-U-N-S or D-U-N-S+4 Number		

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 - The customer name is required on all transactions, however, only the Utility may send an 814 Change to change the customer's name. N1~8R~CUSTOMER NAME

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

Segment:	N3	Address Information (Service Address)
Position:	060	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify the location of the named party	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	RES/GS to Utility: Not Used Utility to RES/GS: Required if there is a change to the service address stored in the Utility's system. This is not to be used to change a customer's premise (i.e., customer move). N3~3921 MAIN STREET~APT 4	

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

Segment:	N4 Geographic Location (Service Address)
Position:	070
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	<p>1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.</p> <p>2 N402 is required only if city name (N401) is in the U.S. or Canada.</p>
Notes:	<p>RES/GS to Utility: Not Used</p> <p>Utility to RES/GS: Required if there is a change to the service address stored in the Utility's system. This is not to be used to change a customer's premise (i.e., customer move).</p> <p>N4~ANYTOWN~IL~30012</p>

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	N401	19 City Name Free-form text for city name	O AN 2/30
Must Use	N402	156 State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Must Use	N403	116 Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15

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/GS to Utility: Not Used
 Utility to RES/GS: Required if the Customer's Telephone Number changes.
 PER~IC~OPTIONAL NAME~TE~3125551212 x1234
 PER~IC~OPTIONAL NAME~TE~3125551111 x1234~TE~3125552222
 PER~IC~OPTIONAL NAME~TE~3125551111
 x1234~TE~3125552222~TE~3125553333

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>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	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
	PER05	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2
	PER06	364	Communication Number Complete communications number including country or area code when applicable Customer Telephone Number	X AN 1/80
	PER07	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2
	PER08	364	Communication Number Complete communications number including country or area code when applicable Customer Telephone Number	X AN 1/80

Segment:	N1	Name (Billing Address)
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:	RES/GS to Utility: Not Used	
	Utility to RES/GS: Required to change the Billing Party Name and/or Address, otherwise, Not Used	
	N1~BT~BILLING PARTY NAME	

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			BT Bill-to-Party	
Must Use	N102	93	Name	X AN 1/60
			Free-form name	
			Billing Party Name	

Segment: **N3** Address Information (Billing Address)
Position: 060
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: RES/GS to Utility: Not Used
 Utility to RES/GS: Required to change the Billing Party Name and/or Address,
 otherwise, Not Used
 N3~PO BOX 4881

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

Segment:	N4 Geographic Location (Billing Address)
Position:	070
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. 2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	RES/GS to Utility: Not Used Utility to RES/GS: Required to change the Billing Party Name and/or Address, otherwise, Not Used. The zip code in the billing address is required if available. N4~ANYTOWN~IL~30012

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N401	19	City Name Free-form text for city name	O AN 2/30
Must Use	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
Dep	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Required if available	O ID 3/15
	N404	26	Country Code Code identifying the country	O ID 2/3

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~GAS~SH~CE

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LIN01	350	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 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 CE Energy Services	X AN 1/48

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

Syntax Notes:

Semantic Notes:

Comments:

Notes:

Required

ASI~7~001

Data Element Summary

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

Segment:	REF	Reference Identification (Reason for Change)
Position:	030	
Loop:	LIN	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying information	
Syntax Notes:	1	At least one of REF02 or REF03 is required.
	2	If either C04003 or C04004 is present, then the other is required.
	3	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.
Comments:		
Notes:	<p>Required</p> <p>This segment is used to convey the reason for the 814 Change transaction. Note that all reason codes are included in this segment for both the LIN level information and also the NM1 level information.</p> <p>There are some circumstances where multiple reason for change codes may be provided, for example the Bill Presenter, Bill Calculator, Payment Option and RES/GS Rate Code if switching from Dual billing to Utility Rate Ready Consolidated Billing. For ComEd, the AMI Data Preference Identifier and Demand Response Indicator codes may be sent in the same 814 Change transaction.</p> <p>Other than those situations where the changes are necessary to be sent together, separate 814s must be sent. For example, if the RES/GS changes its account number at the same time as the Bill Option, there must be two separate 814 Change transactions.</p> <p>REF~TD~REFBF</p>	

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	M ID 2/3
			Code qualifying the Reference Identification	
			TD Reason for Change	
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	
			AMT70 Change MDCQ	
			AMTKC Change Peak Load Contribution (PLC)	
			AMTKZ Change Transmission Contribution (NSPL)	
			AMTLD Change Number of Months for Peak Demand/Total kWh	
			AMTM2 Change MAOP	
			AMTMA Change Peak Demand	
			AMTTA Change Total kWh	
			DTM150 Change Service Period Start Date	
			DTM151 Change Service Period End Date	
			N18R Change Customer Name, Service Address and/or Telephone Number	
			N1BT Change Billing Party Name and/or Service Address	
			NM1MA Meter Addition	
			NM1MQ Change Meter Attributes	
			This code is used to change the meter attributes, including Number of Dials, Meter Constant, Type of Metering, Meter Role and Special Meter Configuration. All applicable segments will be included in the 814 Change transaction.	

NM1MR	Meter Removal
NM1MX	Meter Exchange
NM1SA	Service Point Addition
NM1SR	Service Point Removal
REF11	Change RES Account Number
REF12	Change Utility Account Number
REF17	Change AMI Data Preference Identifier
REF4L	Change Meter Voltage
REF5E	Change Low Income Customer Indicator
REF9V	Change Payment Option
REFAN	Change Community Solar Participant Indicator
REFBE	Change Bank Election Factor
REFBF	Change Bill Cycle
REFBLT	Change Bill Presenter
REFCP	Change MISO CP Node
REFDR	Change Demand Response Indicator
REFKK	Change Delivery Voltage
REFKX	Change Interval Data Availability
REFLO	Change Load Profile
REFNH	Change Utility Rate Class
REFNM	Change to Net Meter Classification
REFNR	Change Utility Budget Billing Status
REFPC	Change Bill Calculator
REFPTC	Change Supply Group
REFRB	Change RES Rate Code
REFSV	Change Supply Voltage
REFVI	Change Pool Group Number

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:	RES/GS to Utility: Required if changing RES/GS Account Number, otherwise Optional Utility to RES/GS: Required if provided on the 814 Enrollment or Change transaction. Only one RES/GS Account Number may be assigned to each Utility Account Number for each commodity (RES/GS Account Numbers may not be assigned for each Service Point on the account). REF~11~1234567890	

Data Element Summary				
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			11 Account Number	
			Retail Electric Supplier (RES) or Gas Supplier (GS) Account Number	
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	
			RES/GS Account Number	

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~NONPOR

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 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
	REF03	352	Description A free-form description to clarify the related data elements and their content RES to Utility: Not Used Utility to RES: Optional Utility to GS: Not Used This code indicates the current class of customer in regards to the POR Eligibility groups as of the time the transaction is sent. 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 (Old Utility Account Number)
Position:	030
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	Required if changing the Utility Account Number. Both utilities currently have 10-digit account numbers. All 10 digits, including leading zeros must be provided. REF~45~0000445648

Data Element Summary				
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			45 Old Account Number	
			Old Utility Account Number	
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	
			Old Utility Account Number	

Segment:	REF Reference Identification (Bill Presenter)
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 changing the bill option. REF*BLT, REF*PC and REF*9V must all be sent for every electric bill option change. REF*BLT and REF*PC must be sent for every gas bill option change. REF~BLT~DUAL

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	
			BLT	Billing Type
				Bill Presenter
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	
			DUAL	The Utility and RES/GS both Present Bills to the Customer
			ESP	RES/GS Presents the Consolidated Bill to the Customer
				Used for Illinois "SBO" (Single Bill Option) Only
			LDC	Utility Presents the Consolidated Bill to the Customer
				Used for both Rate Ready and Bill Ready Utility Consolidated Billing

Segment:	REF Reference Identification (Bill Calculator)
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 changing the bill option. REF*BLT, REF*PC and REF*9V must all be sent for every electric bill option change. REF*BLT and REF*PC must be sent for every gas bill option change. REF~PC~DUAL

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	
			PC	Production Code
				Bill Calculator
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	
			DUAL	Each party calculates its own charges
				Used for Dual Billing, Illinois "SBO" (Single Bill Option) and Bill Ready Utility Consolidated Billing
			LDC	The Utility calculates the RES charges
				Used for Rate Ready Utility Consolidated Billing

Segment:	REF	Reference Identification (Payment Option)
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:	<p>Electric: Required if changing the bill option. REF*BLT, REF*PC and REF*9V must all be sent for every bill option change.</p> <p>Gas: Not Used</p> <p>At this time, if signing a customer up for Utility Consolidated Billing, this segment must be sent and indicate "Y" for POR. Otherwise, the "N" should be sent. There is no circumstance, until a stand-alone UCB is created, that there would be change to the REF*9V segment without a corresponding change to the bill option. REF~9V~Y</p>	

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	M ID 2/3
			Code qualifying the Reference Identification	
			9V	Payment Category
				Indicates whether the customer is to be part of the Purchase of Receivables (POR) program.
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	
			N	Customer should NOT be signed up for the POR program.
			Y	Customer should be signed up for the POR program.

Segment:	REF Reference Identification (Bill Cycle)
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/GS to Utility: Not Used Utility to RES/GS: Required if changing the Bill Cycle, otherwise Not Used REF~BF~07

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	M ID 2/3
			Code qualifying the Reference Identification	
			BF Billing Center Identification	
			Bill Cycle	
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	
			Bill Cycle	

Segment:	REF	Reference Identification (MISO CPNode)
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 Ameren: Required if changing the MISO CP Node, otherwise Not Used GS to Ameren: Not Used Ameren to RES/GS: Not Used ComEd: Not Used The MISO CP Node may be assigned by Service Point for Ameren, which would require that separate 814 Change transactions be sent for each MISO CP Node with the applicable Service Points included in each transaction. REF~CP~~AMIL.BGS2	

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	M ID 2/3
			Code qualifying the Reference Identification	
			CP	Condition of Purchase Document Number
			MISO CPNode	
Must Use	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			MISO CPNode	

Segment:	REF	Reference Identification (Supply Group)
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 ComEd: Not Used ComEd to RES: Required if changing the Supply Group, otherwise Not Used Ameren: Not Used Customer supply groups are designations for retail customers located in the Company's service territory so that retail customers can be categorized for the purposes of computing charges for the procurement of electric power and energy and applying such charges to retail customers. Please see the ComEd tariff for additional details. REF~PTC~~Self-Generating	

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	M ID 2/3
			Code qualifying the Reference Identification	
			PTC	Patent Type
				Supply Group
Must Use	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			Supply Group	

Segment: **REF** **Reference Identification (Budget Billing Status)**
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/GS to Utility: Not Used
Utility to RES/GS: Used to change the Utility Budget Billing Status
REF~NR~Y

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	M ID 2/3
			Code qualifying the Reference Identification	
			NR Progress Payment Number	
			Utility Budget Billing Status	
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	
			N Customer Does Not Participate in Budget Billing for Utility Charges	
			Y Customer Participates in Budget Billing for Utility Charges	

Segment: **REF** **Reference Identification (Rate Zone)**
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/GS to Utility: Not Used
 ComEd to RES: Not Used
 Ameren to RES/GS: Optional
 REF~SPL~RATE ZONE I
 REF~SPL~RATE ZONE II
 REF~SPL~RATE ZONE III

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	M ID 2/3
			Code qualifying the Reference Identification	
			SPL	Standard Point Location Code (SPLC)
			Rate Zone	
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	
			Rate Zone	

Segment:	REF Reference Identification (AMI Data Preference Identifier)
Position:	030
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 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 Ameren to RES: Optional ComEd to RES: Required if ComEd makes manual changes to the AMI Data Preference Identifier, otherwise Not Used Gas: Not Used REF~17~DAILY

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	M ID 2/3
			Code qualifying the Reference Identification	
			17 Client Reporting Category	
			AMI Data Preference 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	
			DAILY Daily and Monthly Intervals	
			Sending DAILY will request both monthly and daily interval reads for applicable AMI meters.	
			DEFAULT AMI Intervals Will Not Be Sent	
			RES to Utility: Sending DEFAULT will request that AMI interval details should no longer be sent.	
			Ameren to RES: In the event that a customer's AMI Data Preference Identifier was set to DAILY or MONTHLY, and there is no longer an AMI meter on the account, the Utility would send DEFAULT to inform the RES that they will no longer receive the DAILY or MONTHLY AMI interval details.	
			ComEd to RES: Not Used	
			MONTHLY Monthly Intervals	
			Ameren: Not Used	
			ComEd: Sending MONTHLY will request only monthly interval reads for applicable AMI meters.	

Segment:	REF Reference Identification (Demand Response Indicator)
Position:	030
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 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:	<p>RES to Utility: Required if the customer begins or ends participation in a Demand Response program offered by the RES post-enrollment.</p> <p>ComEd to RES: Optional</p> <p>Ameren to RES: Optional</p> <p>Gas: Not Used</p> <p>The Demand Response Indicator is used to indicate that the customer is participating in a Demand Response program.</p> <p>Ameren</p> <p>-----</p> <p>A RES can activate the DR Indicator on any service point for any account (large or small) that it is enrolling. If the RES submits an account level enrollment and activates the DR Indicator, then all electric service points associated with the account will have their respective DR Indicator activated. If the RES submits a service point level enrollment and activates the DR Indicator, then the DR Indicator associated with the requested service point will be activated.</p> <p>If this segment is set to "S" by the RES and the customer is already on a DR program offered by Ameren, then Ameren will remove the customer from its Demand Response program. The request will apply to all Service Points on the account, unless an 814 Enrollment is sent for a specific Service Point.</p> <p>This segment may only be set to "N" by the RES if the customer is no longer participating in a Demand Response program offered by the RES. This segment may only be set to "N" by the Utility if the customer is no longer participating in a Demand Response program offered by the Utility.</p> <p>If this segment is set to "U" by the Utility, the customer has begun participating in a DR program offered by Ameren. Ameren will send 814 Change Requests for each Service Point.</p> <p>ComEd</p> <p>-----</p> <p>The DR Indicator can only be activated if the AMI Data Preference Identifier is also activated.</p> <p>Setting this segment to "S" for Residential accounts requires the RES to request interval details via the AMI Data Preference Identifier (DAILY or MONTHLY). If the RES wishes to activate both the AMI Data Preference Identifier and the DR Indicator post enrollment, both requests should be made in the same EDI transaction.</p> <p>This segment may only be set to "N" by the RES for Residential customers if the customer is no longer participating in a Demand Response program offered by the RES.</p> <p>A change request will be sent when ComEd makes manual changes to an account.</p> <p>REF~DR~S</p>

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	M ID 2/3
			DR	Dock Receipt Number
				Demand Response Indicator
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
			N	No Plan
				RES to Utility: The customer is no longer participating in a Demand Response program offered by the RES. Ameren to RES: The customer is no longer participating in a Demand Response program offered by the Utility. ComEd to RES: Not Used
			S	Retail Electric Supplier (RES)
				RES to Utility: The customer is participating in a Demand Response program offered by the RES. Utility to RES: Not Used
			U	Utility
				RES to Ameren: Not Used Ameren to RES: The customer is participating in a Demand Response program offered by the Utility. ComEd: Not Used

Segment:	REF Reference Identification (Net Meter Classification)
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: Not Used Utility to RES: Required if there is a change to a Net Meter Classification associated with the customer's account. REF~NM~KWHY (Ameren Example) REF~NM~NM10 (ComEd Example)

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	M ID 2/3
			Code qualifying the Reference Identification	
			NM	Discounter Registration Number
				Net Meter Classification
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	
			KWHN	kWh Credit - No Anniversary (Ameren)
			KWHY	kWh Credit with Anniversary Month (Ameren)
			MON	Monetary Credit (Ameren)
			N	Net Metering does not apply to this account
				When Ameren removes net metering from an account, they will send an 814 Change for REFKY to change the Special Meter Configuration to a non-net metering code.
			NM3	RDS Watthour, Demand, Lighting, and Residential with non-hourly RES Supply (ComEd)
				kWh Credit with Anniversary Month
			NM4	RDS Watthour, Demand, Lighting, and Residential with hourly RES Supply (ComEd)
				Monetary Credit
			NM6	Competitively declared Commercial and Lighting with hourly RES Supply (ComEd)
				Monetary Credit
			NM9	RDS Watthour, Demand, Lighting, and Residential with non-hourly RES Supply with DG Rebate (ComEd)
				kWh Credit - No Anniversary Month
			NM10	RDS Watthour, Demand, Lighting and Residential with DG Rebate (ComEd)
				Monetary Credit
			NM12	Competitively declared Commercial and Lighting with hourly RES Supply with DG rebate (ComEd)
				Monetary Credit
			NM14	RDS Watthour, Demand, Lighting, and Residential with non-hourly RES Supply with DG rebate (ComEd)
				Monetary Credit

Segment:	REF Reference Identification (Community Solar Participant Indicator)
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:	Gas: Not Used RES to Utility: Not Used Utility to RES: Optional if customer becomes active or inactive in a Community Solar program, otherwise Not Used REF~AN~Y

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	
			AN	Associated Purchase Orders
				Community Solar Participant Indicator
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	
			N	No
				This customer does not participate in Community Solar for this account (ComEd) or Service Point (Ameren)
			Y	Yes
				This customer participates in Community Solar for this account (ComEd) or Service Point (Ameren)

Segment:	REF	Reference Identification (Low Income Customer Indicator)
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:	Utility to RES: Required if changing the Low Income Customer Indicator RES to Utility: Not Used Gas: Not Used Note ComEd will only send the 814 Change if customer qualifies after starting supply with the RES; no 814 Change would be sent if the customer no longer qualifies. REF~5E~Y	

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	
			5E	Consumer Identifier
				Low Income Customer Indicator
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	
			N	No
				This customer has not received financial assistance in the previous 12 months from the Low Income Home Energy Assistance Program and is not currently participating in the Percentage of Income Payment Plan.
			Y	Yes
				This customer either received financial assistance in the previous 12 months from the Low Income Home Energy Assistance Program or is currently participating in the Percentage of Income Payment Plan.

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: RES/GS to Utility: Not Used
Utility to RES/GS: Required if changing the Service Period Start Date
DTM~150~20100515

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
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: **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/GS to Utility: Not Used
Utility to RES/GS: Required if changing the Service Period End Date
DTM~151~20100515

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			151 Service Period End	
Must Use	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
			Service Period End Date	

Segment:	DTM Date/Time Reference (Effective Date of Change)
Position:	040
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify pertinent dates and times
Syntax Notes:	<ol style="list-style-type: none"> 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:	<p>RES/GS to Utility: Optional to provide a Requested Date for a Bill Option Change or MISO CP Node Change only. Not used with any other requests, including Data Preference Identifier (REF*17) or Demand Response Indicator (REF*DR).</p> <p>Utility to RES/GS: Required to provide the effective date for all except Date Change Requests.</p> <p>The same DASR rules apply for Bill Option changes as Enrollments in regard to timing. The DTM*152 from the RES/GS to the Utility essentially is a "Change no earlier than" date.</p> <p>Ameren: The Effective Date of Change for the 814 Change sent within one business day of the 814 Enrollment Accept Response to provide information, such as NSPL, Total kWh, Peak Demand, etc. will be the NSPL Current Effective Date (e.g., 6/1/2017 may be sent for an Enrollment Response on 5/4/2018 with a start date of 6/12/2018). DTM~152~20100515</p>

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	M ID 3/3
			Code specifying type of date or time, or both date and time	
			152 Effective Date of Change	
Must Use	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
			Effective Date of Change	

Segment: **AMT** Monetary Amount (PLC - Peak Load Contribution)
Position: 060
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Ameren: Not Used

ComEd to RES: Required if changing the PLC, otherwise Not Used

RES to ComEd: Not Used

Zero values may be sent if the utility is, in fact, stating that there is no contribution for this customer's account.

Negative values may be sent when the PLC is in negative.

AMT~KC~2.9999

AMT~KC~0

AMT~KC~-0.9999

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			KC	Obligated
				Peak load contributions provided to PJM for Installed Capacity calculation (coincident with PJM peak).
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
			Peak Load Contribution (PLC)	

Segment: **AMT** **Monetary Amount (Transmission Contribution - NSPL)**
Position: 060
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Utility to RES: Required if Changing the NSPL, otherwise Not Used
 RES to Utility: Not Used
 Ameren Gas: Not Used

Zero values may be sent if the utility is, in fact, stating that there is no contribution for this customer's account.

Negative values may be sent when the NSPL is negative.

AMT~KZ~2.9999

AMT~KZ~0

AMT~KZ~-0.9999

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			KZ	Mortgagor's Monthly Obligations
				Transmission Contribution: Customer's contribution to the Transmission System's annual peak load. Also known as Network Service Peak Load (NSPL).
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
			Transmission Contribution	

Segment:	AMT Monetary Amount (Peak Demand)
Position:	060
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To indicate the total monetary amount
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	<p>Ameren: This information will be sent for electric accounts on an 814 Change transaction for each Service Point, within one business day after the 814 Enrollment Accept transaction is sent, if the meter measures demand and there is history on the account. ComEd: Not Used</p> <p>AMT~MA~84.999</p>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			MA	Maximum Amount
				Peak Demand
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
			Peak Demand	

Segment:	AMT Monetary Amount (Total kWh)
Position:	060
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To indicate the total monetary amount
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Ameren: This information will be sent for electric accounts on an 814 Change transaction for each Service Point, within one business day after the 814 Enrollment Accept transaction is sent, if there is history on the account. ComEd: Not Used AMT~TA~293411

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			TA	Total Annual Sales
				Total kWh
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
			Total kWh	

Segment:	AMT Monetary Amount (Number of Months)
Position:	060
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To indicate the total monetary amount
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	<p>Ameren: This information will be sent for electric accounts on an 814 Change transaction for each Service Point, within one business day after the 814 Enrollment Accept transaction is sent, if there is history on the account.</p> <p>ComEd: Not Used</p> <p>AMT~LD~12</p> <p>AMT~LD~4</p>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			LD	Incremental
				Number of Months over which the Total kWh (AMT~TA) and/or Peak Demand (AMT~MA) are calculated.
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
			Number of Months	

Segment: **AMT** Monetary Amount (Maximum Daily Contract Quantity (MDCQ))
Position: 060
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes: Electric: Not Used
Gas: Required if changing the MDCQ
AMT~70~60000

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			70	Open Commitments
				Maximum Daily Contract Quantity (MDCQ)
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
			MDCQ expressed in MMbtu	

Segment:	AMT Monetary Amount (Maximum Allowable Operating Pressure (MAOP))
Position:	060
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To indicate the total monetary amount
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Electric: Not Used Ameren to GS: Required if changing the MAOP GS to Ameren: Not Used AMT~M2~61

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/3
			Code to qualify amount	
			M2	Medical Contribution
				Maximum Allowable Operating Pressure (MAOP)
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
				MAOP expressed in PSIG (Pounds per Square Inch Gauge)

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/GS Account Number Change: Not Used Bill Option Change - RES/GS to Utility: Required for Rate Ready, otherwise Not Used Bill Option Change - ComEd to RES: Not Used Bill Option Change - Ameren to RES/GS: Required for Rate Ready, Required for Non-Mass Market accounts, otherwise Not Used. RES Rate Code Change: RES/GS to Utility - Required RES MISO CP Node Change (Ameren Electric Only): Optional - One 814 per MISO CP Node All Ameren to RES/GS Non-Mass Market: Required Ameren to RES/GS Mass Market: Required for changes in NM1 level data (Service Points, Meters, Rate Class, Load Profile, Meter Attributes, Voltages, Bank Election Factor) otherwise, Not Used ComEd to RES: Required for changes in NM1 level data (Service Points, Meters, Rate Class, Load Profile, Meter Attributes, Voltages) otherwise, Not Used NM1~MQ~3~~~~~32~MG000001 NM1~MQ~3~~~~~32~UNMETERED NM1~MQ~3~~~~~32~ALL

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Must Use	NM101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		MA	Party for whom Item is Ultimately Intended	
			Meter Addition - One NM1 Loop will be sent for each Meter and/or one for the Unmetered Services being added to the Account/Service Point to be served by the RES/GS.	
		MQ	Metering Location	
			This code is used when changing Meter Level (NM1) Information or Attributes for an existing Meter.	
		MR	Medical Insurance Carrier	
			Meter Removal - One NM1 Loop will be sent for each Meter and/or one for the Unmetered Services being removed from the Account/Service Point served by the RES/GS.	
		MX	Juvenile Witness	
			Meter Exchange - One NM1 Loop will be sent for each Meter being exchanged on the Account/Service Point served by the RES/GS.	
		SA	Salvage Carrier	
			Service Point Addition - Used by Ameren to notify the RES/GS that a Service Point is being added to an account and is to be served by the RES/GS. One NM1 Loop will be sent for each Meter and/or one for the	

				<p>Unmetered Services that are being added as a result of the addition of the Service Point.</p> <p>When an 814 Change is sent for Service Point Addition, there will not be an 814 Change for a Meter Addition.</p> <p>Samples to be Returned To</p> <p>Service Point Removal - Used by Ameren to notify the RES/GS that a Service Point being served by the RES/GS is being removed from an account. One NM1 Loop will be sent for each Meter and/or one for the Unmetered Services that are being removed as a result of the removal of the Service Point.</p> <p>When an 814 Change is sent for Service Point Removal, there will not be an 814 Change for a Meter Removal.</p>
		SR		
Must Use	NM102	1065	Entity Type Qualifier	M ID 1/1
			Code qualifying the type of entity	
			3 Unknown	
Must Use	NM108	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			32 Assigned by Property Operator	
			Meter Number	
Must Use	NM109	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
			Meter Number or the literals "UNMETERED" or "ALL"	
			"ALL" must be used when a RES/GS is sending a change to a RES/GS Rate Code, or when a Utility is sending a change to account, service point or meter level data which is not meter specific (For Example, Utility Rate Class or Load Profile on a Service Point).	

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:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	ComEd: Not Used

RES/GS to Ameren:

RES/GS Account Number Change: Not Used
 Bill Option Change: Not Used
 MISO CP Node Change (Ameren Electric Only): Optional for Non-Mass Market accounts - One 814 per MISO CP Node
 RES/GS Rate Code Change: Optional for Non-Mass Market accounts to assign a rate code by Service Point
 Bank Election Factor Change: Required

Ameren to RES/GS - Required

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

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	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:	REF	Reference Identification (Gas Pool Group Number)
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:	Electric: Not Used RES/GS to Ameren: Not Used - This cannot be changed via EDI, it must be changed via the Supply Choice Portal Ameren to GS: Required if Changing the Pool Group Number. This transaction will not be sent when a GS makes a change to the Pool Group Number on the Supply Choice Portal. REF~VI~123456789012	

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	
			VI	Pool Number
				Pool Group Number
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	
			Pool Group Number	

Segment:	REF Reference Identification (Old Meter Number)
Position:	130
Loop:	NM1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	RES/GS to Utility: Not Used Utility to RES/GS: Required for a Meter Exchange, otherwise, Not Used REF~46~GE001983M

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	M ID 2/3
			Code qualifying the Reference Identification	
			46 Old Meter Number	
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	
			Old Meter Number	

Segment:	REF Reference Identification (Rate Class)
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/GS to Utility: Not Used Utility to RES/GS: Change of Rate Class: Required Service Point Addition: Required Meter Addition: Required Meter Exchange: Required All other transactions: Not Used REF~NH~DS1~Retail Delivery Service - 0 to 100 kW

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	M ID 2/3
			Code qualifying the Reference Identification	
			NH Rate Card Number	
			Utility Rate Class	
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	
			Utility Rate Class	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			Text Description of Utility Rate Class	
			For Ameren, "SH" indicates that the given service point is either eligible for or is currently on an Ameren Basic Generation Service (BGS) or System Gas Service (SGS) space heating rate. For ComEd, space heat rate customers are identified by a text description of the applicable space heat rate class.	

Segment: **REF** **Reference Identification (Load Profile)**
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/GS to Utility: Not Used
Utility to RES/GS:
Change of Load Profile: Required
Service Point Addition: Required
Meter Addition: Required
Meter Exchange: Required
All other transactions: Not Used
REF~LO~33

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	M ID 2/3
			Code qualifying the Reference Identification	
			LO Load Planning Number	
			Load Profile	
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	
			Load Profile	

Segment:	REF	Reference Identification (RES/GS Rate Code)
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/GS to Ameren: Required if Changing Bill Option or RES/GS Rate Code, otherwise, Not Used. Ameren to RES/GS: Not Used ComEd: Not Used To change all Service Points on the account to the same RES Rate Code, do not include the Service Point Identifier (REF*LU) segment. REF~RB~123ABC	

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	
			RB Rate code number	
			RES/GS Rate 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	
			RES/GS Rate Code	

Segment:	REF	Reference Identification (Type of Metering)										
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. 1 REF04 contains data relating to the value cited in REF02.											
Semantic Notes:												
Comments:												
Notes:	<p>RES/GS to Utility: Not Used Utility to RES/GS: Service Point Addition: Required Meter Addition: Required Meter Exchange: Required All other transactions: Not Used</p> <p>There will be one REF*TU segment for each Type of Metering that will be sent on the 867 Monthly or Interval Usage transaction. Included in the REF03 is the Meter Type, which is made up of the Type of Consumption plus the Metering Interval.</p> <p>This segment is provided for unmetered services and will reflect what is shown in the 867 (e.g., KHMON).</p> <table><tr><td>Type of Consumption</td><td>Metering Interval</td></tr><tr><td>K1 - kW</td><td>030</td></tr><tr><td>K3 - kVARH</td><td>060</td></tr><tr><td>KH - kWh</td><td>MON</td></tr><tr><td>TD - Therms</td><td></td></tr></table> <p>Electric Examples: REF~TU~41~KHMON REF~TU~42~KHMON REF~TU~51~KHMON REF~TU~41~K1MON REF~TU~42~K1MON REF~TU~51~K1MON</p> <p>Gas Example: REF~TU~51~TDMON</p>		Type of Consumption	Metering Interval	K1 - kW	030	K3 - kVARH	060	KH - kWh	MON	TD - Therms	
Type of Consumption	Metering Interval											
K1 - kW	030											
K3 - kVARH	060											
KH - kWh	MON											
TD - Therms												

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	
			TU Trial Location Code	
			Type of Metering Information that will be sent on the 867 Usage Transaction.	
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	
			41 Off Peak	
			42 On Peak	
			51 Totalizer	
Must Use	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			Meter Type	

Segment: **REF** Reference Identification (Supply Voltage)

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:

Gas: Not Used
 RES to Utility: Not Used
 Ameren to RES:
 Change of Supply Voltage: Required
 Service Point Addition: Required
 Meter Addition: Required
 Meter Exchange: Required
 All other transactions: Not Used
 ComEd: Not Used
 REF~SV~PRIMARY

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	M ID 2/3
			Code qualifying the Reference Identification	
			SV	Service Charge Number
			Supply Voltage	
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	
			ABOVE100KV	
			HIGHVOLTAGE	
			PRIMARY	
			SECONDARY	

Segment: **REF** Reference Identification (Delivery Voltage)
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:

Gas: Not Used
RES to Utility: Not Used
Ameren to RES:
Change of Delivery Voltage: Required
Service Point Addition: Required
Meter Addition: Required
Meter Exchange: Required
All other transactions: Not Used
ComEd: Not Used
REF~KK~HIGHVOLTAGE

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	M ID 2/3
			Code qualifying the Reference Identification	
			KK Delivery Reference	
			Delivery Voltage	
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	
			ABOVE100KV	
			HIGHVOLTAGE	
			PRIMARY	
			SECONDARY	

Segment: REF Reference Identification (Meter Voltage)
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:

Gas: Not Used
 RES to Utility: Not Used
 Ameren to RES:
 Change of Meter Voltage: Required
 Service Point Addition: Required (except for Unmetered Services)
 Meter Addition: Required (except for Unmetered Services)
 Meter Exchange: Required (except for Unmetered Services)
 All other transactions: Not Used
 ComEd: Not Used
 REF~4L~SECONDARY

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	M ID 2/3
			Code qualifying the Reference Identification	
			4L Location-specific Services Reference Number	
			Meter Voltage	
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	
			ABOVE100KV	
			HIGHVOLTAGE	
			PRIMARY	
			SECONDARY	

Segment:	REF Reference Identification (Number of Dials)
Position:	130
Loop:	NM1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<p>RES/GS to Utility: Not Used</p> <p>Utility to RES/GS:</p> <p>Service Point Addition: Required for each meter that has dials</p> <p>Meter Addition: Required for each meter that has dials</p> <p>Meter Exchange: Required for each meter that has dials</p> <p>All other transactions: Not Used</p> <p>Number of Dials on the meter expressed as X.Y where X is the number of dials to the left of the decimal and Y is the number of dials to the right.</p> <p>REF~IX~6.0 Meter has 6 digits to the left of the decimal and none to the right.</p> <p>REF~IX~5.1 Meter has 5 digits to the left of the decimal and one to the right.</p>

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	M ID 2/3
			Code qualifying the Reference Identification	
			IX	Item Number
				Number of Dials on the meter displayed as the number of dials to the left of the decimal, a decimal point, and the number of dials to the right of the decimal.
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	
			Number of Dials	

Segment:	REF Reference Identification (Meter Constant)
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/GS to Utility: Not Used Utility to RES/GS: Service Point Addition: Required for each meter Meter Addition: Required for each meter Meter Exchange: Required for each meter All other transactions: Not Used The Meter Constant will be formatted as 6 digits to the left of the decimal, a decimal point and four digits to the right of the decimal. All 11 characters must be sent. REF~4P~000001.0000 Meter Constant of 1 REF~4P~000080.0000 Meter Constant of 80

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	M ID 2/3
			Code qualifying the Reference Identification	
			4P	Affiliation Number
				Meter Constant (Meter Multiplier)
				Electric Example: (Ending Reading - Beginning Reading) * Meter Constant = Consumption
				Gas Example: (Ending Reading - Beginning Reading) * Meter Constant * Therm Factor = Consumption
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	
			Meter Constant	

Segment: **REF** **Reference Identification (Meter Role)**
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/GS to Utility: Not Used
 Utility to RES/GS:
 Service Point Addition: Required for each meter
 Meter Addition: Required for each meter
 Meter Exchange: Required for each meter
 All other transactions: Not Used
 REF~JH~A

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	M ID 2/3
			Code qualifying the Reference Identification	
			JH Tag	
			Meter Role	
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	
			A Additive - this consumption contributed to the summarized total (do nothing).	
			I Ignore - this consumption did not contribute to the summarized total (do nothing).	
			S Subtractive - this consumption needs to be subtracted from the summarized total.	

Segment:	REF Reference Identification (Special Meter Configuration)
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:	

Gas: Not Used
RES to Utility: Not Used
Utility to RES:
Service Point Addition: Required for each meter
Meter Addition: Required for each meter
Meter Exchange: Required for each meter
All other transactions: Not Used

Please note that additional codes may be added as necessary.
REF~KY~BMG

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	M ID 2/3
			Code qualifying the Reference Identification	
			KY Site Specific Procedures, Terms, and Conditions	
			Special Meter Configuration	
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	
			AL Auxiliary Load (ComEd)	
			BMG Behind the Meter Generation	
			CM Check Meter (ComEd)	
			CO Check Meter/Outflow (ComEd)	
			GM Generator Meter (ComEd)	
			GO Generated Out Meter (ComEd)	
			GS General Service (ComEd)	
			IC Inflow/Check Meter (ComEd)	
			IF In With Flow Through (ComEd)	
			IO In/Out Meter Flow Through (ComEd)	
			IW In/Out Without Flow Through (ComEd)	
			KQ KQ Only (ComEd)	
			NM-BI Net Metering - Bidirectional Meter (Ameren)	
			NM-GG Net Metering - Gross Generation Meter (Ameren)	
			NM-GL Net Metering - Gross Load Meter (Ameren)	
			OF Out with Flow Through (ComEd)	
			OW Out without Flow Through (ComEd)	
			PG Power Factor General Service (ComEd)	
			PS Power Factor Space Heat (ComEd)	
			SH Space Heating (ComEd)	
			XY Rider VA Gen Meter (ComEd)	

Segment:	REF	Reference Identification (Bank Election Factor)
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:	Electric: Not Used GS to Ameren: Required (NM109 = ALL for All Meters) Ameren to GS: Change of Bank Election Factor: Required (NM109 = ALL for All Meters) Service Point Addition: Required for each meter Meter Addition: Required for each meter Meter Exchange: Required for each meter All other transactions: Not Used REF~BE~0	

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	M ID 2/3
			Code qualifying the Reference Identification	
			BE Business Activity	
			Bank Election Factor	
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	
			Bank Election Factor	

Segment:	REF	Reference Identification (AMI Data Availability)
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:	<p>This segment is used to inform the RES whether AMI Interval Data is available; it does not indicate that interval details will be sent. If the RES wants to receive interval details, they may send an 814 Change Request for REF~17~DAILY.</p> <p>Ameren to RES: Optional ComEd to RES: Not Used RES to Utility: Not Used Gas: Not Used REF~KX~AMI</p>	

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	M ID 2/3
			Code qualifying the Reference Identification	
			KX	Representation
				AMI Data Availability
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	
			AMI	AMI Interval Data is Available
				The RES may send a Change Request for the AMI Data Preference Identifier (REF~17) to request to receive interval details.
			NOTAMI	AMI Interval Data is Not Available

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.</u> <u>Des.</u>	<u>Data</u> <u>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 1 – Change Requests - Ameren Post Enrollment

Ameren sends 814 Change Request transactions at the same time as the 814 Enrollment Response to provide certain Service Point level information. The first transaction will contain service point level information followed by additional transactions to provide the PLC/NSPL for each MISO period. Ameren's 814 Change transactions are always at the Service Point level.

Ameren
ST*814*0047 BGN*13*1234567890202509095003*20250909 N1*8S*AMEREN ILLINOIS*1*006936017 N1*SJ*Supplier Name*1*111111111 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*AMTKZ REF*TD*AMTMA REF*TD*AMTTA REF*TD*AMTLD REF*TD*REFAN REF*12*1234567890*GROUPA REF*SPL*RATE ZONE I REF*AN*N DTM*152*20250901 AMT*KZ*1.962 AMT*MA*0 AMT*TA*11889 AMT*LD*12 NM1*MQ*3*****32*ALL REF*LU*20624111 SE*23*0047 ST*814*0048 BGN*13*1234567890202509095004*20250909 N1*8S*AMEREN ILLINOIS*1*006936017 N1*SJ*Supplier Name*1*111111111 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*AMTKZ REF*12*1234567890*GROUPA REF*SPL*RATE ZONE I DTM*152*20250601 AMT*KZ*2.251 NM1*MQ*3*****32*ALL REF*LU*20624111 SE*15*0048 ST*814*0049 BGN*13*1234567890202509095005*20250909 N1*8S*AMEREN ILLINOIS*1*006936017 N1*SJ*Supplier Name*1*111111111 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*AMTKZ REF*12*1234567890*GROUPA REF*SPL*RATE ZONE I DTM*152*20250901 AMT*KZ*1.962

NM1*MQ*3*****32*ALL|
REF*LU*20624111|
SE*15*0049|
ST*814*0050|
BGN*13*1234567890202509095006*20250909|
N1*8S*AMEREN ILLINOIS*1*006936017|
N1*SJ*Supplier Name*1*111111111|
N1*8R*CUSTOMER NAME|
LIN*1*SH*EL*SH*CE|
ASI*7*001|
REF*TD*AMTKZ|
REF*12*1234567890*GROUPA|
REF*SPL*RATE ZONE I|
DTM*152*20251201|
AMT*KZ*7.08|
NM1*MQ*3*****32*ALL|
REF*LU*20624111|
SE*15*0050|
ST*814*0051|
BGN*13*1234567890202509095007*20250909|
N1*8S*AMEREN ILLINOIS*1*006936017|
N1*SJ*Supplier Name*1*111111111|
N1*8R*CUSTOMER NAME|
LIN*1*SH*EL*SH*CE|
ASI*7*001|
REF*TD*AMTKZ|
REF*12*1234567890*GROUPA|
REF*SPL*RATE ZONE I|
DTM*152*20260301|
AMT*KZ*.995|
NM1*MQ*3*****32*ALL|
REF*LU*20624111|
SE*15*0051|

Example 2 – Change Request - PLC (ComEd)

Example of annual tag change transactions sent to the RES

ComEd
ST~814~0134 BGN~13~2025-06-23-183251548947302CMED~20250623 N1~8S~COMMONWEALTH EDISON CO~1~006929509 N1~SJ~Supplier Name~1~111111111 N1~8R~Customer Name LIN~20250623183251947302~SH~EL~SH~CE ASI~7~001 REF~12~1234567890~GROUPA REF~TD~AMTKC DTM~152~20250601 AMT~KC~2.2963 SE~12~0134

Example 3 – Change Request - Meter Exchange

Example of a Meter Exchange transaction

Ameren	ComEd
ST*814*0001 BGN*13*1234567890202506255001*20250625 N1*8S*AMEREN ILLINOIS*1*006936017 N1*SJ*Supplier Name*1*111111111 N1*8R* CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MX REF*12*1234567890*GROUPA REF*SPL*RATE ZONE I DTM*152*20250625 NM1*MX*3*****32*72800000 REF*LU*54660000 REF*46*55000000 REF*NH*DS1*DS-1 Residential Delivery Serv REF*LO*IDR REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*SECONDARY REF*4L*SECONDARY REF*IX*6.0 REF*4P*000000.0000 REF*JH*A REF*KX*AMI SE*25*0001	ST~814~0001 BGN~13~2025-06-25- 183252785279029CMED~20250625 N1~8S~COMMONWEALTH EDISON CO~1~006929509 N1~SJ~Supplier Name~1~111111111 N1~8R~Customer Name LIN~20250625183252270000~SH~EL~SH~CE ASI~7~001 REF~12~1234567890~GROUPB REF~TD~NM1MX DTM~152~20250625 NM1~MX~3~~~~~32~273721111 REF~46~272122222 REF~LO~28 REF~NH~R73 REF~IX~5.0 REF~JH~A REF~KY~GS REF~4P~000060.0000 REF~TU~51~KHMON SE~20~0001