Illinois

Implementation Guide For Electronic Data Interchange

Summary of Changes

January 6, 2009 Version 1.0	• Initial Release.

October 24, 2009 Version 1.1	• **Change Control #003** – Update Implementation Notes section to explain the use of the term "MANUAL" in the BGN06 in the event that ComEd needs to send an enrollment response without a request.

January 6, 2011 Version 1.2	• **Change Control #016** – Updated POR Eligibility Group Codes. • **Change Control #017** – Updated Implementation Notes section and BGN06 to explain the use of the term "MANUAL" in the BGN06 in the event that Ameren needs to send an enrollment response without a request. • **Change Control #022** – Added REF*SPL for Ameren's Rate Zone

August 3, 2011 Version 1.3	• **Change Control #029** – Added PER 05-08 for optional second and third telephone numbers. • **Change Control #031 –** Corrected Billing Address Zip Code to be "Required if Available" and provided examples where zip code is not available.

October 6, 2011 Version 1.4	• **Change Control #033** – Clarified REF03 of REF*NH and REF02 of REF*KY to explain Ameren and ComEd's inclusion of code "SH" for Space Heating. • **Change Control #035** – Added section to Implementation Notes for Space Heating.

May 31, 2013 Version 2.0	• **Change Control #039** – Modified AMT segments to Not Used for Ameren, including NSPL, Peak Demand, Total kWh and Number of Months. This information will be sent on 814 Change transactions at the Service Point level. • **Change Control #040 –** Added requirements for Ameren Gas

October 14, 2013 Version 2.1	• **Change Control #041 –** Added REF*45 (Old Utility Account Number), which will be used for Ameren Initiated Enrollments (i.e., bankruptcy, etc.); corrected REF*LO (Load Profile) to be for Electric only; added examples for Ameren Gas; and clarified REF*PRT to indicate SVT is not applicable at this time.

January 23, 2015 Version 2.2	• **Change Control #042 –** Added AMI Data Preference Identifier (REF*17), Demand Response Indicator (REF*DR) and AMI Data Availability (REF*KX). Added ComEd examples.

June 1, 2015 Version 2.3	• **Change Control #042 –** Added Ameren examples.

January 25, 2016 Version 2.4	• **Change Control #044 –** Added Net Meter Contract Indicator for use by ComEd. • **Change Control #049** – Added enrollment response rejection reason code "EAI" (email address invalid or missing) for use by Ameren for gas enrollment rejections.

May 18, 2018 Version 2.5	• **Change Control #050 –** Added Community Solar Participant Indicator (REF*AN).

November 16, 2018 Version 2.6	• **Change Control #051 –** Added New Special Meter Configuration Code to (REF*KY). Also added a description of Community Solar to the Implementation Notes.

September 30, 2019 Version 2.7	• **Change Control #052 –** Added Low Income Customer Indicator (REF*5E), Government Aggregation Program Indicator (REF*PG), Savings Guarantee

	Plan Indicator (REF*SG) and new Reject Reason Code CAP as a result of a 2019 Amendment to SB0651.
September 15, 2023 Version 2.8	• **Change Control #055** – Updated PLC (AMT*KC) and NSPL (AMT*KZ) to indicate that negative values may be sent.
September 23, 2025 Version 2.9	• **Change Control #058** – Community Solar and Net Metering Changes including:

- **Change Control #058** – Community Solar and Net Metering Changes including:
  - o Updated notes to remove Community Solar information for ComEd as this detail is no longer sent to the RES.
  - o Added Utility DUNS Numbers to the N1*8S.
  - o Changed Community Solar Participant Indicator to Optional.
  - o 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.
  - o Removed Special Meter Configuration Code "VO" which was used to identify ComEd's pseudo meters for Community Solar.
  - o Added Net Meter Contract Start Date (DTM*276) for ComEd.
  - o Updated examples to match current production and removed several examples.

Implementation Notes

Transaction Reference Numbers

- On the Request, the Transaction Reference Number in the BGN02 must be unique over time. This number will be returned in the BGN06 of the Response transaction.

LIN01 Reference Numbers

- On the Request, the identifier in the LIN01 element either by itself, or in conjunction with the BGN02 element from the BGN segment, must uniquely identify each LIN request item over time. This number will be returned on the Response transaction in the same element.

Definition of Mass Market Customers

- Ameren Mass Market
  - 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

- 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.

Historical Interval Usage Requested Separately

- The RES/GS may request Historical Usage (HU) as a secondary service on the 814 Enrollment Request and the Utility will send the 867 Historical Usage transaction.
- If the RES wishes to request Historical Interval Usage (HI), the request must be sent in a separate 814 transaction. Please see the 814 Historical Usage Request implementation guideline.
- If the RES inadvertently requests HI as a secondary service on the Enrollment Request, the utility will process it as if the RES had requested HU.

Requested On Cycle Switch "no earlier than" Date

- A RES/GS may request that a switch occur at the next scheduled meter cycle after a particular date. If such a date is requested, it may not be more than 45 calendar days from the date the enrollment is processed by the Utility.
- The DTM~007 segment may be used by the RES/GS to provide a date for the On Cycle switch. No special codes are used in the LIN segment. If no dates are provided, then the next valid meter cycle will be used.

Off Cycle Switch

- Off Cycle Switches are not allowed for Mass Market Accounts.
- Off Cycle Switches for Non-Mass Market accounts in certain situations. It is important to review the tariffs to understand the rules.

	• On the 814 Enrollment Request, the DTM~MRR segment, in combination with the LIN code "SW" are used to indicate an Off Cycle Switch Request.
ComEd Initiated Enrollments	• ComEd has the ability to enroll a customer to a RES online in its system (without a DASR). This is used as a part of ComEd's Emergency DASR process that is in place if a RES loses EDI capability for a period of time and will miss an enrollment window. ComEd may also use this to fix any errors in the enrollment process. In this case, ComEd will populate the BGN06 field with the word "MANUAL". This will alert the RES to the fact that there was not an 814 enrollment request for them to match the response.
Ameren Initiated Enrollments	• Ameren may initiate the enrollment of an account or service point to RES/GS supply. This may occur for several reasons – one of which is when a customer that is on RES/GS supply declares bankruptcy but remains in business despite the bankruptcy (and is assigned a new account number). In this situation, BGN06 will contain the word "MANUAL", the Status Reason Code (REF*1P) will contain the code "BNK", and the Old Account Number will appear in the REF*45 segment. If Ameren initiates an enrollment to the RES/GS for any other reason, the BGN06 will contain the word "MANUAL", the Status Reason Code (REF*1P) will contain the code "UIE" (Utility Initiated Enrollment), and the Old Account Number will appear in the REF*45 segment.
Space Heating	• For Ameren, a service point that is eligible for the space heat rate is identified with an "SH" in the text description of the rate class at the beginning of the REF03 (Rate Class) segment.
	• For ComEd, space heat customers are identified in the REF03 (Rate Class) segment with an NH code and a text description of the applicable space heat rate class. Also for ComEd, the REF02 (Special Meter Configuration) segment provides an SH code specifying space heating.
AMI Data Preference Identifier	• 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.
	o 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.
	o 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 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. Note if a request fails the residential, warrant or AMI meter validation the enrollment will be accepted but 867s will not contain AMI intervals. The AMI Data Preference Identifier may be requested for Residential and Small Commercial accounts.

Demand Response Indicator	• 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.

• 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.

o 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.

o 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 Residential customer is participating in a Demand Response program offered by the RES. If the DR Indicator request fails, the enrollment will be accepted but the DR Indicator will not be set. Accounts participating in a ComEd Demand Response program are identified in the RES' Customer List on the ComEd Supplier Portal.

Low Income SB0651 Requirement to Identify Government Aggregation Program and/or Savings Guarantee Plan

• SB0651 states, "(a) Beginning January 1, 2020, an alternative retail electric supplier shall not knowingly submit an enrollment to change a customer's electric supplier if the electric utility's records indicate that the customer either received financial assistance in the previous 12 months from the Low Income Home Energy Assistance Program or, at the time of enrollment is participating in the Percentage of Income Payment Plan, unless (1) the customer's change in electric supplier is pursuant to a government aggregation program adopted in accordance with Section 1-92 of the Illinois Power Agency Act, or (2) the customer's change in electric supplier is pursuant to a Commission-approved savings guarantee plan...."

o ComEd and Ameren will provide a Low Income Customer Indicator (REF*5E) on the 867 Historical Usage, 814 Enrollment Response and 814 Change Request in order to assist the supplier in identifying low income customers as defined above.

o If intending to enroll low income customers as described above into a government aggregation program adopted in accordance with Section 1-92 of the Illinois Power Agency Act, the supplier would be required to send the Government Aggregation Program Indicator (REF*PG*Y) on the 814 Enrollment Request.

o If intending to enroll low income customers as described above into a Commission-approved savings guarantee plan, the supplier would be required to send the Savings Guarantee Plan Indicator (REF*SG*Y) on the 814 Enrollment Request. For ComEd, the supplier will provide a Savings Guarantee Plan warrant.

| One Commodity per Transaction | • Each submitted transaction may be valid for only one commodity (i.e., electric or gas). |

814 General Request, Response or Confirmation

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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			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

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

		BGN Beginning Segment		
Segment:				

Segment: **BGN** Beginning Segment

Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of a transaction set
Syntax Notes:	1 If BGN05 is present, then BGN04 is required.
Semantic Notes:	1 BGN02 is the transaction set reference number.
	2 BGN03 is the transaction set date.
	3 BGN04 is the transaction set time.
	4 BGN05 is the transaction set time qualifier.
	5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:	
Notes:	Required
	BGN~11~20091216-ABC.000001~20091216~~~20091215123000001

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	BGN01	353	**Transaction Set Purpose Code**	M	ID 2/2
			Code identifying purpose of transaction set		
			11 Response		
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.		
Must Use	BGN06	127	**Reference Identification**	O	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			Transaction Reference Number from the BGN02 of the Request Transaction. This field may also contain the word "MANUAL" for a Utility Initiated Enrollment. Please see the Implementation Notes section for additional details.		

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

	Ref. Des.	Data Element	Name		Attributes	
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

	Ref. Des.	Data Element	Name	Attributes
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

N1~8R~CUSTOMER NAME

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
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

	Ref. Des.	Data Element	Name		Attributes
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: Accept Response: Required
Reject Response: Not Used
N3~3921 MAIN STREET

Data Element Summary

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

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:	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:	Accept Response: Required Reject Response: Not Used N4~ANYTOWN~IL~30012		

Data Element Summary

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

	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:	Accept Response: Required if available

Reject Response: Not Used
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

	Ref. Des.	Data Element	Name		Attributes
Must Use	PER01	366	**Contact Function Code**	**M**	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			IC Information Contact		
	PER02	93	**Name**	**O**	**AN 1/60**
			Free-form name		
Must Use	PER03	365	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			TE Telephone		
Must Use	PER04	364	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
			Customer Telephone Number		
	PER05	365	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			TE Telephone		
	PER06	364	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
			Customer Telephone Number		
	PER07	365	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			TE Telephone		
	PER08	364	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
			Customer Telephone Number		

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: Required if there is a Billing Address on the account that is different from the Service Address
N1~BT~BILLING PARTY NAME

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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: Required if there is a Billing Address on the account that is different from the Service Address
N3~PO BOX 4881

Data Element Summary

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

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: Required if there is a Billing Address on the account that is different from the Service Address. The zip code in the billing address is required if available.
N4~ANYTOWN~IL~30012
N4~A-1010 VIENNA AUSTRIA
N4~A-100 VIENNA~~AT

Data Element Summary

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

	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.

If the Enrollment is rejected, the Historical Usage Request will also be rejected.

The LIN of the Response will echo what was sent on the Request. The following examples are all inclusive.

LIN~1~SH~EL~SH~CE
  Enrollment Response

LIN~1~SH~GAS~SH~CE
  Enrollment Request - Gas

LIN~1~SH~EL~SH~CE~SH~HU
  Enrollment with Historical Summarized Usage Response

LIN~1~SH~EL~SH~CE~SH~SW
  Enrollment with Off Cycle Read Response

LIN~1~SH~EL~SH~CE~SH~SW~SH~HU
LIN~1~SH~EL~SH~CE~SH~HU~SH~SW
  Enrollment with Off Cycle Read and Historical Summarized Usage Response

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	LIN01	350	**Assigned Identification**	**O**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
			The identifier provided in the LIN01 of the Request Transaction.		
Must Use	LIN02	235	**Product/Service ID Qualifier**	**M**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			SH Service Requested		
Must Use	LIN03	234	**Product/Service ID**	**M**	**AN 1/48**

Identifying number for a product or service

			EL		Electric		
			GAS		Gas		
Must Use	**LIN04**	**235**	**Product/Service ID Qualifier**			**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

SH   Service Requested

Must Use	**LIN05**	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

CE   Energy Services

	LIN06	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

SH   Service Requested

	LIN07	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

HU   Historical Usage
SW   Off Cycle Switch

	LIN08	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

SH   Service Requested

	LIN09	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

HU   Historical Usage
SW   Off Cycle Switch

Segment:	**ASI** Action or Status Indicator				
Position:	020				
Loop:	LIN	Optional			
Level:	Detail				
Usage:	Optional				
Max Use:	1				
Purpose:	To indicate the action to be taken with the information provided or the status of the entity described				
Syntax Notes:					
Semantic Notes:					
Comments:					
Notes:	Required				
	ASI~WQ~021				

Data Element Summary

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

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

12	Billing Account
	Utility Account Number

	Ref. Des.	Data Element	Name	Attributes	
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 Account Number

	Ref. Des.	Data Element	Name	Attributes	
Dep	REF03	352	**Description**	X	AN 1/80

A free-form description to clarify the related data elements and their content

Electric: This code indicates the current class of customer in regards to the POR Eligibility groups as of the time the transaction is sent.
Gas: Not Used

GROUPA	POR Eligibility Group A
	Ameren: Residential POR Eligible Accounts ComEd: Residential
GROUPB	POR Eligibility Group B
	Ameren: Commercial Mass Market POR Eligible Accounts ComEd: Commercial Mass Market POR Eligible Accounts (watt-hour/small)
GROUPC	POR Eligibility Group C
	Ameren: Non-Mass Market POR Eligible Accounts ComEd: Non-Mass Market POR Eligible Accounts (medium)
GROUPD	POR Eligibility Group D
	Ameren: Not Used ComEd: Lighting
NONPOR	Account Not Eligible for POR

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: 1   At least one of REF02 or REF03 is required.
                2   If either C04003 or C04004 is present, then the other is required.
                3   If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1   REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Optional

Both utilities currently have 10 digit account numbers. All 10 digits, including leading zeros must be provided.
REF~45~0000445641

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
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 (Status Reason Code)			

Position:	030
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	Accept Response: Required if applicable
	Reject Response: Not Used
	REF~1P~HUU

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
			1P Accessorial Status Code		
			Status Reason Code		
Must Use	**REF02**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			BEF Invalid Bank Election Factor		
			Bank Election Factor will be defaulted. Please see Supplier Handbook for default values.		
			DIV Date Invalid		
			DPI AMI Data Preference Invalid		
			DRI Demand Response Request Invalid		
			HUR Historical Usage Not Released		
			HUU Historical Usage Unavailable		
			IGP Invalid Gas Pool Group Number		
			The valid pool group number will be included in the enrollment response transaction.		
			NAC Not AMI Certified		
			The Account or Service Point does not have any certified AMI meters. Interval details will not be sent.		
			NAQ Not AMI Qualified		
			The Account or Service Point does not qualify for AMI Interval service. For Ameren, only DS1 and DS2 Service Points qualify and for ComEd only Residential Accounts qualify.		
			NAR No AMI Requested in Association with Demand Response Indicator		
			AMI Data Preference is invalid or not requested in association with Demand Response Indicator. ComEd requires that the RES request AMI (DAILY or MONTHLY) in combination with, or prior to, indicating that the customer is on a Demand Response program.		
			W09 Off Cycle Meter Read cannot be performed. Meter will be read on the normal, on cycle read date.		
			WAR No Warrant		
			Suppliers must submit a signed and notarized warrant with ComEd prior to submitting an enrollment request with AMI monthly or daily data (AMI Data Preference		

Identifier) or demand response notification (DR Indicator). The warrant validates the supplier has customer permission to request interval data.

REF03   **352**   **Description**   **X**   **AN 1/80**

A free-form description to clarify the related data elements and their content

Additional Text Description

Segment:	**REF** Reference Identification (Rejection Reason Code)			

Segment: **REF** Reference Identification (Rejection Reason Code)

Position: 030
Loop: LIN   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
              2   If either C04003 or C04004 is present, then the other is required.
              3   If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1   REF04 contains data relating to the value cited in REF02.
Comments:
Notes:

Accept Response: Not Used
Reject Response: Required
REF~7G~A76~ACCOUNT NOT VALID

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			7G Data Quality Reject Reason		
Must Use	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			008 Account Exists but is Not Active		
			A13 Other		
			Description Required in REF03		
			A76 Account Not Found		
			A91 Service Not Available		
			Commodity requested is not available on this account/service point.		
			ABN Duplicate Request Received		
			ANE Account Not Eligible		
			ANL Service Provider Not Licensed to Provide the Requested Service		
			API Required Information Missing		
			Description Required in REF03		
			CAP Customer Assistance Program		
			The customer either received financial assistance in the previous 12 months from the Low Income Home Energy Assistance Program or, at the time of enrollment is participating in the Percentage of Income Payment Plan. This customer may only be enrolled if (1) the customer's change in electric supplier is pursuant to a government aggregation program adopted in accordance with Section 1-92 of the Illinois Power Agency Act, or (2) the customer's change in electric supplier is pursuant to a Commission-approved savings guarantee plan.		
			CMB Account Not Eligible - Minimum Stay		
			The date the customer will become eligible will be provided in the DTM~307 segment.		
			DIV Date Invalid		
			EAI Email Address Invalid or Missing		
			FBB Account Enrolled in Budget Billing and Single Bill Requested		
			ICP Invalid MISO CP Node		

			IPO	Invalid Payment Option	

POR selected for ineligible account or POR not selected when required on REF~9V segment.

IRO	Invalid Rider Option
ISP	Invalid Service Point Identifier
NCB	RES/GS Not Certified to Provide Requested Bill Option
NEB	Customer Not Eligible for Requested Bill Option
NFI	Not First In
UND	Cannot Identify Service Provider

DUNS or DUNS+4 Not Valid

W05	Requested RES/GS Rate Code Not Found or in Effect (Rate Ready Only)
W06	Requested RES/GS Rate Code Invalid for Utility Rate Class (Rate Ready Only).

Dep	**REF03**	**352**	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Additional Text Description.

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:		Accept Response: Required Reject Response: Not Used REF~BLT~DUAL	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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:	Accept Response: Required		
	Reject Response: Not Used		
	REF~PC~DUAL		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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/GS 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:

Gas: Not Used
Electric Accept Response: Required
Electric Reject Response: Not Used

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.

If the customer does not qualify for POR, or if the POR field is "N" when UCB is requested, the utility will reject the transaction and include a Rejection Reason code of IPO.
REF~9V~Y

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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.

	Ref. Des.	Data Element	Name	Attributes	
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)			

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:	Accept Response: Required
	Reject Response: Not Used
	REF~BF~07

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
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 CP Node)

Position: 030
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Ameren Electric Accept Response - Required if sent on the Enrollment Request
Ameren Reject Response - Not Used
Ameren Gas - Not Used
ComEd - Not Used
REF~CP~~AMIL.BGS2

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
	CP		Condition of Purchase Document Number		
			MISO CP Node		
Must Use	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			MISO CP Node		

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:	Ameren: Not Used
	ComEd Accept Response: Required
	ComEd Reject Response: 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

	Ref. Des.	Data Element	Name	Attributes
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 (Utility 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:	Accept Response: Required to convey the budget billing status at time of the enrollment. Reject Response: Not Used			

REF~NR~N

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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)

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: Ameren Electric Accept Response: Required
Ameren Gas Accept Response: Required
Reject Response: Not Used
ComEd: Not Used
REF~SPL~RATE ZONE I
REF~SPL~RATE ZONE II
REF~SPL~RATE ZONE III

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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 (Gas Rider Option)

Segment: **REF** Reference Identification (Gas Rider 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: Electric: Not Used
Gas Accept Response: Required
Gas Reject Response: Not Used
REF~PRT~SVT
REF~PRT~T

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			PRT Product Type		
			Gas Rider Option		
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		
			SVT Small Volume Transportation (Rider SVT)		
			For Future Use Only		
			T Transportation (Rider T)		

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:	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:	This segment indicates whether the utility will send AMI interval data, based on whether a valid request was received from the RES. If the RES does not request AMI, or if the request was invalid, the Utility will send DEFAULT, indicating that normal usage will be sent (e.g., interval usage for traditional interval meters, or no interval details for other meters).	
	Electric Accept Response: Required	
	Electric Reject Response: Not Used	
	Gas: Not Used	
	REF*17*DAILY	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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		
			Ameren: Intervals will be sent on the 867 Monthly Usage transaction and the 867 Daily Usage transaction. The request will apply to all applicable Service Points on the account.		
			ComEd: Intervals will be sent on the 867 Monthly Usage transaction and will be posted to the portal.		
			DEFAULT AMI Intervals Will Not Be Sent		
			The RES will not receive AMI Interval Data		
			MONTHLY Monthly Intervals		
			Ameren: Not Used ComEd: Intervals will be sent on the 867 Monthly Usage transaction.		

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:	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: Required		

Gas: Not Used

The Demand Response Indicator is used to inform the RES of the status of the customer's participation in a Utility or RES operated program, if any, upon completion of the Enrollment with the RES.

REF~DR~S

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

     DR   Dock Receipt Number

                         Demand Response Indicator

	Ref. Des.	Data Element	Name	Attributes	
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 Plan

                         Ameren: The customer is not participating in a Demand Response program.
ComEd: The customer is not participating in a Demand Response program offered by the RES.

     S   Retail Electric Supplier (RES)

                         The customer is participating in a Demand Response program offered by the RES.

     U   Utility

                         Ameren: The customer is participating in a Demand Response program offered by the Utility.
ComEd: Not Used. Accounts participating in a ComEd Demand Response program are identified in the RES' Customer List on the ComEd Supplier Portal.

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:

Required if there is on-site net metering.

The Net Meter Classification informs the RES which classification of net metering the customer has been assigned in the utility system. In combination with the Anniversary Month (00 if no annualized period) the RES should be able to determine whether the customer receives kWh or monetary credits and whether to bank the excess credits.
REF~NM~KWH
REF~NM~N
REF~NM~NM14

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

NM	Discounter Registration Number
	Net Meter Classification

	Ref. Des.	Data Element	Name	Attributes
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 (ComEd)
	Monetary Credit
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)

	Segment:	**REF** Reference Identification (Community Solar Participant Indicator)

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: Ameren Electric: Not used, Ameren will send indicator on 814 Change for each Service Point immediately following the 814 Enrollment Response
ComEd: Optional
Gas: Not Used
REF~AN~Y

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
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		
			Y Yes		
			This customer participates in Community Solar for this account		

Segment:		**REF** Reference Identification (Low Income Customer Indicator)			

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:
Accept Response: Required if applicable
Reject Response: Not Used
SB0651 states, "(a) Beginning January 1, 2020, an alternative retail electric supplier shall not knowingly submit an enrollment to change a customer's electric supplier if the electric utility's records indicate that the customer either received financial assistance in the previous 12 months from the Low Income Home Energy Assistance Program or, at the time of enrollment is participating in the Percentage of Income Payment Plan, unless (1) the customer's change in electric supplier is pursuant to a government aggregation program adopted in accordance with Section 1-92 of the Illinois Power Agency Act, or (2) the customer's change in electric supplier is pursuant to a Commission-approved savings guarantee plan...."
REF*5E*Y

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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 at the time of enrollment is not 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, at the time of enrollment is participating in the Percentage of Income Payment Plan.		

Segment:		**REF** Reference Identification (Government Aggregation Program 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: Electric Accept Response: Required if provided on the 814 Enrollment Request
Electric Reject Response: Not Used
Gas: Not Used
REF*PG*Y

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

PG	Product Group	

Government Aggregation Program Identifier

	Ref. Des.	Data Element	Name	Attributes
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 is not being enrolled into a government aggregation program adopted in accordance with Section 1-92 of the Illinois Power Agency Act.

Y   Yes

This customer is being enrolled into a government aggregation program adopted in accordance with Section 1-92 of the Illinois Power Agency Act, and is therefore is eligible to be switched, even if the customer either received financial assistance in the previous 12 months from the Low Income Home Energy Assistance Program or, at the time of enrollment is participating in the Percentage of Income Payment Plan.

Segment:	**REF** Reference Identification (Savings Guarantee Plan 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:	Electric Accept Response: Required if provided on the 814 Enrollment Request		
	Electric Reject Response: Not Used		
	Gas: Not Used		
	REF*SG*Y		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

SG   Savings

Commission-approved savings guarantee plan

	Ref. Des.	Data Element	Name	Attributes
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 is not being enrolled into a Commission-approved savings guarantee plan as described in SB0651.

Y   Yes

This customer is being enrolled into a Commission-approved savings guarantee plan as defined in SB0651, and is therefore eligible to be switched, even if the customer either received financial assistance in the previous 12 months from the Low Income Home Energy Assistance Program or, at the time of enrollment is participating in the Percentage of Income Payment Plan.

Segment: **DTM** Date/Time Reference (Eligibility Date)

Position: 040
Loop: LIN   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: 1   At least one of DTM02 DTM03 or DTM05 is required.
2   If DTM04 is present, then DTM03 is required.
3   If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:
Notes: Required when the Enrollment is rejected because the customer is on a minimum stay with the Utility (Rejection Reason Code "CMB"), otherwise, Not Used
DTM~307~20101201

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		
			307 Eligibility		
Must Use	DTM02	373	**Date**	**X**	**DT 8/8**
			Date expressed as CCYYMMDD		
			Eligibility Date		

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: Accept Response: Required
Reject Response: Not Used
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 (Net Meter Contract 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: ComEd Accept Response: Required for Net Metered Customers
All Other Responses: Not Used
DTM~276~20260102

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		
			276	Contract Start	
			Net Meter Contract Start Date		
Must Use	DTM02	373	**Date**		X DT 8/8
			Date expressed as CCYYMMDD		
			Net Meter Contract Start Date		

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 Accept Response: Required
ComEd Reject Response: 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

	Ref. Des.	Data Element	Name		Attributes
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:	Ameren: Not Used. This information will be sent for electric accounts on an 814 Change transaction for each Service Point, shortly after an 814 Enrollment Accept transaction is sent. ComEd Accept Response: Required ComEd Reject Response: 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 in negative. AMT~KZ~2.9999 AMT~KZ~0 AMT~KZ~-0.9999	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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:	Ameren: Not Used. This information will be sent for electric accounts on an 814 Change transaction for each Service Point, shortly after an 814 Enrollment Accept transaction is sent, if the meter measures demand and there is history on the account. ComEd Accept Response: Required if the meter measures demand and there is history on the account. ComEd Reject Response: Not Used AMT~MA~84.999	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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: Not Used. This information will be sent for electric accounts on an 814 Change transaction for each Service Point, shortly after an 814 Enrollment Accept transaction is sent, if there is a history on the account. ComEd Accept Response: Required if there is history on the account. ComEd Reject Response: Not Used AMT~TA~293411		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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 for Total kWh and 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:	Ameren: Not Used. This information will be sent for electric accounts on an 814 Change transaction for each Service Point, shortly after an 814 Enrollment Accept transaction is sent, if there is history on the account.

Ameren: Not Used. This information will be sent for electric accounts on an 814 Change transaction for each Service Point, shortly after an 814 Enrollment Accept transaction is sent, if there is history on the account.
ComEd Accept Response: Required if there is history on the account.
ComEd Reject Response: Not Used
AMT~LD~12
AMT~LD~4

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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: # 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: Accept Response: Required - One NM1 will be provided for each Meter and one will be provided for Unmetered Services if applicable.
Reject Response: Not Used
NM1~MQ~3~~~~~~32~MG000001
NM1~MQ~3~~~~~~93~UNMETERED

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	NM101	98	Entity Identifier Code		M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual			
			MQ	Metering Location		
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 literal "UNMETERED"			

	Segment:	**REF** Reference Identification (Service Point Identifier)

Segment: **REF** Reference Identification (Service Point Identifier)
Position: 130
Loop: NM1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: Ameren Accept Response: Required
Ameren Reject Response: Not Used
ComEd: Not Used

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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:

Ameren Electric: Not Used
Ameren Gas Accept Response: Required if service point is assigned to a pool
Ameren Gas Reject Response: Optional
ComEd: Not Used
REF~VI~123456789012

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
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 (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:
Accept Response: Required
Reject Response: Not Used
REF~NH~DS1~Retail Delivery Service - 0 to 100 kW
REF~NH~DS1~SH-DS - Residential (DS-1)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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 Rate Class		

Text Description of 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:
Electric Accept Response: Required
Gas Accept Response: Not Used
Reject Response: Not Used
REF~LO~33

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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:	Ameren Accept Response: Required for Rate Ready Utility Consolidated Billing
	All other Responses: Not Used
	REF~RB~123ABC

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	Accept Response: Required
	Reject Response: Not Used

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.

This segment is provided for unmetered services and will reflect what is shown in the 867 (e.g., KHMON).

Type of Consumption	Metering Interval
K1 - kW	030
K3 - kVARH	060
KH - kWH	MON
TD - Therms	

Electric Example:	Gas Example:
REF~TU~41~KHMON	REF~TU~51~TDMON
REF~TU~42~KHMON	
REF~TU~51~KHMON	
REF~TU~41~K1MON	
REF~TU~42~K1MON	
REF~TU~51~K1MON	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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:

Ameren Electric Accept Response: Required
Ameren Gas Accept Response: Not Used
Ameren Reject Response: Not Used
ComEd: Not Used
REF~SV~PRIMARY

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	REF01	128	Reference Identification Qualifier	M	ID 2/3

Code qualifying the Reference Identification

    SV   Service Charge Number

                   Supply Voltage

	Ref. Des.	Data Element	Name		Attributes
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:
Ameren Electric Accept Response: Required
Ameren Gas Accept Response: Not Used
Ameren Reject Response: Not Used
ComEd: Not Used
REF~KK~HIGHVOLTAGE

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	Reference Identification Qualifier	M	ID 2/3

Code qualifying the Reference Identification

   KK   Delivery Reference

Delivery Voltage

	Ref. Des.	Data Element	Name	Attributes	
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:	Ameren Electric Accept Response: Required for each meter. This segment will not be provided for unmetered services.
	Ameren Gas Accept Response: Not Used
	Ameren Reject Response: Not Used
	ComEd: Not Used
	REF~4L~SECONDARY

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	Reference Identification Qualifier	M	ID 2/3

Code qualifying the Reference Identification

4L	Location-specific Services Reference Number
	Meter Voltage

	Ref. Des.	Data Element	Name	Attributes	
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:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	Accept Response: Required for each meter that has dials. This segment will not be provided for unmetered services.
	Reject Response: Not Used
	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.
	REF~IX~6.0 Meter has 6 digits to the left of the decimal and none to the right.
	REF~IX~5.1 Meter has 5 digits to the left of the decimal and one to the right.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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:

Accept Response: Required for each meter. This segment will not be provided for unmetered services.
Reject Response: 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

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
			4P Affiliation Number	
			Meter Constant (Meter Multiplier)	
			(Ending Reading - Beginning Reading) * Meter Constant = 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) |

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: Accept Response: Required for each meter. This segment will not be provided for unmetered services.
Reject Response: Not Used
REF~JH~A

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	**Reference Identification Qualifier**	**M**	**ID 2/3**

Code qualifying the Reference Identification

JH	Tag	
	Meter Role	

	Ref. Des.	Data Element	Name	Attributes	
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:	Accept Response: Required if applicable. This segment will not be provided for unmetered services.
	Reject Response: Not Used
	Please note that additional codes may be added.
	REF~KY~BMG

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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 (Ameren)
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 (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:

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.

Ameren Electric Accept Response: Required if AMI data is available
ComEd Electric Accept Response: Not Used
Electric Reject Response: Not Used
Gas: Not Used
REF~KX~AMI

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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~75~000000001

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
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 – Enrollment Accept Response

Ameren Mass Market or Non-Mass Market – Electric	Ameren Mass Market or Non-Mass Market – Gas

ST*814*0002
BGN*11*123308639420250908 5001*20250908***194215770
N1*8S*AMEREN ILLINOIS*1*006936017
N1*SJ*Supplier Name*1*111111111
N1*8R*JOHN Q. CUSTOMER
  N3*1111 N CAMELOT DR APT 111
  N4*DECATUR*IL*62526
N1*BT*JANE Q. CUSTOMER
  N3*PO BOX 999
  N4*DECATUR*IL*62526
LIN*20250909000069902999*SH*EL*SH*CE
  ASI*WQ*021
  REF*PG*N
  REF*SG*N
  REF*12*1233086394*GROUPA
  REF*SPL*RATE ZONE III
  REF*BLT*LDC
  REF*PC*DUAL
  REF*9V*Y
  REF*BF*01
  REF*NR*N
  REF*17*DEFAULT
  REF*DR*N
  DTM*150*20250926
  NM1*MQ*3******32*72913123
    REF*LU*40426123
    REF*NH*DS1*SH-DS-1 Residential Delivery S
    REF*LO*RESDLH-IP
    REF*TU*51*KHMON
    REF*SV*PRIMARY
    REF*KK*SECONDARY
    REF*4L*SECONDARY
    REF*IX*6.0
    REF*4P*000001.0000
    REF*JH*A
    REF*KX*AMI
SE*37*0002
	ST*814*0001
	BGN*11*1088233003201308130001*20130813***SES2 0130802101700002
	N1*8S*AMEREN ILLINOIS*1*006936017
	N1*SJ*ABCENERGY*1*192834560
	N1*8R*CUSTOMER TWO
	  N3*2222 STANTON ST
	  N4*SPRINGFIELD*IL*62703
	N1*BT*CUSTOMER TWO
	  N3* MS 2222A PO BOX 2440
	  N4*SPOKANE*WA*99210
	LIN*SES20130802101700002*SH*GAS*SH*CE
	  ASI*WQ*021
	  REF*11*0012345600
	  REF*12*1088233003
	  REF*SPL*RATE ZONE II
	  REF*BLT*DUAL
	  REF*PC*DUAL
	  REF*BF*01
	  REF*NR*N
	  REF*PRT*T
	  DTM*150*20130901
	  NM1*MQ*3******32*20734697
	    REF*LU*73248964
	    REF*NH*GDS*SH-GDS-2 Small Gen Gas Del-Sp
	    REF*TU*51*TDMON
	    REF*IX*4.0
	    REF*4P*000001.0000
	    REF*JH*A
	    REF*VI*108823299801
	SE*30*0001

ComEd - Electric

```
ST~814~0001
BGN~11~2025-09-08-220225799932123CMED~20250908~~~12367356403427607890402111
2456
N1~8S~COMMONWEALTH EDISON CO~1~006929509
N1~SJ~Supplier Name~1~111111111
N1~8R~Michael G. Customer
  N3~1234 Sandy Rd
  N4~Mundelein~IL~60060
  PER~IC~~TE~2248051234
LIN~6012344020908111238~SH~EL~SH~CE~SH~HU
  ASI~WQ~021
  REF~11~12345678901234
  REF~12~1237940035~GROUPA
  REF~BLT~LDC
  REF~PC~DUAL
  REF~BF~04
  REF~NR~N
  REF~9V~Y
  REF~NM~N
  REF~AN~N
  REF~5E~N
  REF~SG~N
  REF~PG~N
  REF~PTC~~SG01
  REF~17~DEFAULT
  REF~DR~N
  DTM~150~20251009
  AMT~KC~1.4737
  AMT~KZ~1.8955
  AMT~LD~11
  AMT~TA~2624
  NM1~MQ~3~~~~~~32~272731234
    REF~LO~23
    REF~NH~R70
    REF~IX~5.0
    REF~JH~A
    REF~KY~GS
    REF~4P~000001.0000
    REF~TU~51~KHMON
SE~39~0001
```

Example 2 – Enrollment Accept Response – Utility Consolidated Bill Ready – Ameren Multiple Service Points

Ameren Mass Market or Non-Mass Market – Electric	Ameren Mass Market or Non-Mass Market – Gas

ST*814*0046
BGN*11*123600942220250908 5001*20250908***12345670
N1*8S*AMEREN ILLINOIS*1*006936017
N1*SJ*Supplier Name*1*111111111
N1*8R*CUSTOMER NAME
  N3*123 W GORDON ST
  N4*MARION*IL*62959
N1*BT*CUSTOMER B. NAME
  N3*123 MAIN ST
  N4*MARION*IL*62959
LIN*202509090000069896123*SH*EL*SH*CE
  ASI*WQ*021
  REF*PG*N
  REF*SG*N
  REF*12*1236009422*GROUPA
  REF*SPL*RATE ZONE I
  REF*BLT*LDC
  REF*PC*DUAL
  REF*9V*Y
  REF*BF*19
  REF*NR*N
  REF*17*DEFAULT
  REF*DR*N
  DTM*150*20251022
  NM1*MQ*3******32*71888123
    REF*LU*43361111
    REF*NH*DS1*DS-1 Residential Delivery Serv
    REF*LO*RESDLL-CIPS
    REF*TU*51*KHMON
    REF*SV*PRIMARY
    REF*KK*SECONDARY
    REF*4L*SECONDARY
    REF*IX*6.0
    REF*4P*000001.0000
    REF*JH*A
    REF*KX*AMI
  NM1*MQ*3******32*UNMETERED
    REF*LU*73462222
    REF*NH*DS5*DS-5 Residential Lighting
    REF*LO*LITE
    REF*TU*51*KHMON
    REF*4P*000001.0000
    REF*JH*A
SE*44*0046
	n/a at this time

Example 3 – Enrollment Reject Response

Ameren Mass Market or Non-Mass Market-Electric	Ameren Mass Market or Non-Mass Market – Gas

ST*814*0054
BGN*11*123496305020250908 5001*20250908***1942 09087123
N1*8S*AMEREN ILLINOIS*1*006936017
N1*SJ*Supplier Name*1*11111111
N1*8R*CUSTOMER NAME
LIN*20250909000069896979*SH*EL*SH*CE
  ASI*U*021
  REF*12*1234963050
  REF*SPL*RATE ZONE II
  REF*7G*NEB
SE*11*0054
	ST*814*0001
	BGN*11*AM20130903090935690345*20130903***SES 20130802101700004
	N1*8S*AMEREN ILLINOIS*1*006936017
	N1*SJ*ABCENERGY*1*192834560
	LIN*SES20130802101700004*SH*GAS*SH*CE
	  ASI*U*021
	  REF*12*1234567890
	  REF*SPL*RATE ZONE II
	  REF*7G*A76
	  REF*PRT*T
	SE*11*0001

ComEd – Electric

ST~814~0001
BGN~11~2025-09-08-123440910047152CMED~20250908~~~12344541044695497 0187781102371
N1~8S~COMMONWEALTH EDISON CO~1~006929509
N1~SJ~SUPPLIER NAME~1~111111111
N1~8R~CUSTOMER NAME
LIN~12340187780906110237~SH~EL~SH~CE~SH~HU
  ASI~U~021
  REF~7G~008~ACCOUNT NOT ACTIVE
  REF~11~123456789
  REF~12~1235467890
SE~11~0001