

814 Change Implementation Examples

Updated 1/6/2009

Use of this Document

The content of the examples, such as the Utility Rate Codes, POR Eligibility Groups, etc. are not intended to be accurate and are just included to show the use of the segments.

In all applicable transactions, the use of the NM1 Loop for Ameren to provide the Service Point is shown with 2 service points to illustrate the looping structure. This is not intended to imply that there will always be more than one Service Point.

While reviewing the examples, blue is used to highlight the information that is changing and gray is used to indicate optional or conditional segments.

Service Point Implementation (Ameren)

Mass Market Accounts:

- **RES to Utility Change** – The Service Point Identifier will not be included on any RES to Utility 814 Change transaction for Mass Market customers. It will not be provided on the Response.
- **Utility to RES Change (Account Level)** – The Service Point Identifier will not be included on a Utility to RES 814 Change transaction for Account Level information, including:
 - Customer Name, Service Address, Telephone Number
 - Customer's Billing Party Name and/or Address
 - Bill Option and/or Payment Option
 - Service Period Start or End Dates
- **Utility to RES Change (Service Point/Meter Level)** – The Service Point Number will be included on a Utility to RES change for the following:
 - Service Point Addition or Removal
 - Meter Addition, Removal or Exchange
 - Meter Attributes (Number of Dials, Meter Constant, Type of Metering, Meter Role, and Special Meter Configuration).
 - Utility Rate Class
 - Load Profile
 - Voltages (Supply Voltage, Delivery Voltage, Meter Voltage)
 - NSPL – Requires one 814 transaction for each Service Point.

Non-Mass Market Accounts:

- **RES to Utility Change (Account Level)** – The Service Point Identifier will not be included on 814 Change for:
 - Bill Option and/or Payment Option
 - RES Account Number
- **RES to Utility Change (Service Point/Meter Level)** – The Service Point Identifier may be included on an 814 Change for:
 - RES Rate Code
 - MISO CP Node – Note that although this segment appears at the LIN level, the MISO CP Node may be assigned at a Service Point level, which would require one 814 Change for each MISO CP Node being assigned to the account.
- **Utility to RES** – The Service Point Identifier will be included on Utility to RES 814 Changes for all Non-Mass Market accounts.

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Customer Name, Service Address and/or Telephone Number Change (REF*TD*N18R)

- RES to Utility – Not Used
- Utility to RES – Required if there is a change to the customer name, service address and/or customer telephone number stored in the Utility's system. This is not to be used for a change in the customer's premise (i.e., customer move in or out). The change of name, address and telephone number may be sent at the same time, or one without the others. Note that the "old" information is not provided.

Example – Customer Name Change (e.g., customer gets married and changes name)

ComEd or Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 SE*12*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*16*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

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Example – Customer Telephone Number Change

ComEd or Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME PER*IC*CUSTOMER NAME*TE*8005551212 LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 SE*13*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME PER*IC*CUSTOMER NAME*TE*8005551212 LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

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Example – Customer Service Address Change (e.g., post office changes from Rural Route Numbers to Street Address)

ComEd or Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME N3*1234 NEW ADDRESS ROAD N4*ANYTOWN*IL*12345 LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 SE*14*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME N3*1234 NEW ADDRESS ROAD N4*ANYTOWN*IL*12345 LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

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Example – Change of Customer Name, Telephone Number and Service Address

ComEd or Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME N3*1234 NEW ADDRESS ROAD N4*ANYTOWN*IL*12345 PER*IC*CUSTOMER NAME*TE*8005551212 LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 SE*15*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME N3*1234 NEW ADDRESS ROAD N4*ANYTOWN*IL*12345 PER*IC*CUSTOMER NAME*TE*8005551212 LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*19*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*N18R REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

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Billing Party Name and/or Service Address (REF*TD*N1BT)

- RES to Utility – Not Used
- Utility to RES – Required if there is a change to the customer’s billing party name and/or address.

Example – Billing Party Name and/or Address Change

ComEd or Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*BT*NEW BILLING PARTY NAME N3*PO BOX 2222 N4*ANYTOWN*IL*12345 LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*N1BT REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 SE*14*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW BILLING PARTY NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*N1BT REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*BT*NEW BILLING PARTY NAME N3*PO BOX 2222 N4*ANYTOWN*IL*12345 LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*N1BT REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW BILLING PARTY NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*N1BT REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

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Account Numbers

- The Utility Account Number and Service Point Numbers will not change. Therefore, no accommodation for such a change has been made in the IL 814 Change Implementation Guide.
- The RES may send a change of a RES Account Number to the Utility.
 - Only one RES Account Number may be assigned to each Utility Account Number (RES Account Numbers may not be assigned for each Service Point on the account). Note that the NM1 Loops are not included on the Request for either example.

Example – Change RES Account Number – RES to Utility

ComEd or Ameren Mass Market

Request – RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REF11 REF*11*9876543210 (New Account #) REF*12*0312345624 SE*11*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REF11 REF*11*9876543210 REF*12*0312345624*GROUPX DTM*152*20100630 SE*12*0001 <div style="background-color: #cccccc; padding: 2px; margin-top: 5px;">Gray segments are optional or conditional.</div>

Ameren Non-Mass Market

Request – RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REF11 REF*11*9876543210 (New Account #) REF*12*0312345624 SE*11*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REF11 REF*11*9876543210 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*16*0001 <div style="background-color: #cccccc; padding: 2px; margin-top: 5px;">Gray segments are optional or conditional.</div>

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Bill Type Changes (REF*TD*REFBLT, REF*TD*REFPC, REF*TD*REF9V)

- RES to Utility – Required if changing the Bill Option.
- Utility to RES – Required if changing the Bill Option. The most common use for a Utility to change a bill option is when the customer moves from one POR Eligibility Group to another.
- Bill Option Changes may only be at the Account Level. If Service Point Identifiers are included on the change request to Ameren, they will be ignored and the last bill option change processed will be for the entire account.
- Bill Option Changes require that all three related segments be sent, including:
 - REF*BLT – Bill Presenter
 - REF*PC – Bill Calculator
 - REF*9V – Payment Option (POR or Non-POR)
- Effective Date of Change (DTM*152) – When this date is sent by the RES, it is a “requested” date. When it is sent by the utility, it is the effective date. The RES may only use this date on a Bill Option or MISO CP Node Change.
- Ameren: A customer may change from one POR Eligibility Group to another if a Service Point and/or meter is added to or removed from the account or if their usage causes them to qualify for a different Rate.
 - If a Service Point is Added or Removed from a Mass Market account, Ameren will send an 814 Change transaction to Add or Remove the Service Point. If the POR Eligibility Group changes, an 814 Change will be sent for the Bill Option and Payment Option based on the RES’s all-in choices.
 - If a Service Point is Added to a Mass Market account, no change would be sent for the addition of a Service Point. The only time an 814 Change would be sent for a Removal of a Service Point would be if the RES is serving that Service Point.
 - If a Meter is Added, Removed or Exchanged for a Mass market or Non-Mass market Service Point being served by a RES, Ameren will send an 814 Change to notify the RES of the Addition, Removal or Exchange of that meter.
 - In all cases above:
 - If the change results in a different Utility Rate Class, Ameren will send an 814 Change for Utility Rate Class.
 - If the change results in a different POR Eligibility Group, and if the RES has chosen a different bill option for that group, an 814 Change would be sent for the Bill Option based on the RES’s all-in choices.
 - The 814 Change transactions would show the “current” POR Eligibility Group (not the “new” POR Eligibility Group, which would first appear on the 867 Monthly/Interval Usage transaction).
 - If the Bill Option must change to...
 - ... a non-UCB/POR option, Ameren will send an 814 Change to SBO or Dual Billing and the effective date will be one bill period out so that the RES has time to drop the customer or prepare to bill the customer themselves.
 - ... a UCB/POR option, Ameren will choose Bill Ready if the RES is capable of that option. If not, Ameren will use Rate Ready and will not include a Rate Code. The RES will be required to send an 814 Change of RES Rate Code or the account will not bill.
- ComEd: A customer may change from one POR Eligibility Group to another if a meter is added to or removed from the account or if their usage causes them to qualify for a different Rate.
 - If the change results in a different Utility Rate Class, ComEd will send an 814 Change for Utility Rate Class.
 - If the change results in a different POR Eligibility Group, and if the RES has chosen a different bill option for that group, an 814 Change would be sent for the Bill Option based on the RES’s all-in choices.

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- The 814 Change transactions would show the “current” POR Eligibility Group (not the “new” POR Eligibility Group, which would first appear on the 867 Monthly/Interval Usage transaction).
- If the Bill Option must change to...
 - ... a non-UCB/POR option, ComEd will send an 814 Change to Dual Billing and the effective date will be one bill period out so that the RES has time to drop the customer or prepare to bill the customer themselves. Subsequently, the RES may optionally send an 814 Change to SBO if they prefer that option.
 - ... a UCB/POR option, ComEd will send an 814 Change to Bill Ready Utility Consolidated Billing.
- Initial Conversion of the UCB/POR options needs to be discussed.

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Example – Change of Bill Option to Dual Billing – Utility to RES

ComEd or Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX REF*BLT*DUAL REF*PC*DUAL REF*9V*N DTM*152*20100630 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 SE*13*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX REF*BLT*DUAL REF*PC*DUAL REF*9V*N DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*21*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*17*0001 Gray segments are optional or conditional.

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Example – Change of Bill Option to Dual Billing – RES to Utility

ComEd or Ameren Mass Market

Request – RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 REF*BLT*DUAL REF*PC*DUAL REF*9V*N DTM*152*20100714 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100730 SE*14*0001 Gray segments are optional or conditional.

Note in this example, the DTM*152 optional segment indicates that the RES wishes for the Bill Option to change on the next bill cycle on or after July 14th. The utility responds with that bill cycle date, which happens to be July 30th.

Ameren Non-Mass Market

Request – RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 REF*BLT*DUAL REF*PC*DUAL REF*9V*N DTM*152*20100714 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100730 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*18*0001 Gray segments are optional or conditional.

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Example – Change of Bill Option to Rate Ready – Utility to RES

Note: The RES is subsequently required to submit an 814 Change of RES Rate Code to establish a price for this customer.

ComEd or Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX REF*BLT*LDC REF*PC*LDC REF*9V*Y DTM*152*20100630 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 SE*13*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX REF*BLT*LDC REF*PC*LDC REF*9V*Y DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*21*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*17*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Example – Change of Bill Option to Rate Ready – RES to Utility

ComEd or Ameren Mass Market

Request – RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*TD*REFRB REF*11*0012345600 REF*12*0312345624 REF*BLT*LDC REF*PC*LDC REF*9V*Y DTM*152*20100714 NM1*MQ*3*****32*ALL REF*RB*ABC123 SE*20*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*TD*REFRB REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100730 SE*15*0001 Gray segments are optional or conditional.

Note: RES Rate codes must be assigned at an account level for Mass Market accounts. If a Service Point Number would be sent, it would be ignored.

Ameren Non-Mass Market

Request – RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*TD*REFRB REF*11*0012345600 REF*12*0312345624 REF*BLT*LDC REF*PC*LDC REF*9V*Y DTM*152*20100714 NM1*MQ*3*****32*ALL REF*RB*ABC123 REF*LU*00300801 NM1*MQ*3*****32*ALL REF*RB*RATE201 REF*LU*20323333 SE*24*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*TD*REFRB REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100730 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*19*0001 Gray segments are optional or conditional.

Note: It is optional to assign a different RES Rate Code to each Service Point by utilizing the NM1 Loop. If the intent is to provide a single RES Rate Code for the entire account, then only one NM1 segment and REF*RB segment are necessary.

814 Change Implementation Examples

Updated 1/6/2009

Example – Change of Bill Option to Bill Ready – Utility to RES

ComEd or Ameren Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX REF*BLT*LDC REF*PC*DUAL REF*9V*Y DTM*152*20100630 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 SE*13*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX REF*BLT*LDC REF*PC*DUAL REF*9V*Y DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*21*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*17*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Example – Change of Bill Option to Bill Ready – RES to Utility

ComEd or Ameren Mass Market

Request – RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 REF*BLT*LDC REF*PC*DUAL REF*9V*Y DTM*152*20100714 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100730 SE*14*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 REF*BLT*LDC REF*PC*DUAL REF*9V*Y DTM*152*20100714 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100730 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*18*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Example – Change of Bill Option to SBO – Utility to RES

ComEd or Ameren Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX REF*BLT*ESP REF*PC*DUAL REF*9V*N DTM*152*20100730 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 SE*13*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX REF*BLT*ESP REF*PC*DUAL REF*9V*N DTM*152*20100730 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*20*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*17*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Example – Change of Bill Option to SBO – RES to Utility

ComEd or Ameren Mass Market

Request – RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 REF*BLT*ESP REF*PC*DUAL REF*9V*N DTM*152*20100714 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100730 SE*14*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624 REF*BLT*ESP REF*PC*DUAL REF*9V*N DTM*152*20100714 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBLT REF*TD*REFPC REF*TD*REF9V REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100730 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*18*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Bill Cycle Changes (REF*BF)

- RES to Utility: Not Used
- Utility to RES: Required to change the Bill Cycle

Example – Change of Bill Cycle – Utility to RES

ComEd or Ameren Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBF REF*11*0012345600 REF*12*0312345624*GROUPX REF*BF*21 DTM*152*20100630 SE*13*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBF REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFBF REF*11*0012345600 REF*12*0312345624*GROUPX REF*BF*21 DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFBF REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

MISO CP Node (Ameren Only)

- RES to Ameren: Optional
- Ameren to RES: Not Used
- The MISO CP Node is typically assigned at an account level, however the RES may assign it at the Service Point level if they choose for Ameren Non-Mass Market Accounts. Due to the placement of the MISO CP Node REF segment, to assign different MISO CP Nodes within a single account it is necessary to send one 814 Change transaction for each MISO CP Node.

Example – Change MISO CP Node – RES to Utility

Ameren Mass Market

Request - RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFCP REF*11*0012345600 REF*12*0312345624 REF*CP**AMIL.BGS2 DTM*152*20100701 SE*13*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFCP REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100701 SE*12*0001 <div style="background-color: #e0e0e0; padding: 2px;">Gray segments are optional or conditional.</div>

Ameren Non-Mass Market

Request - RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFCP REF*11*0012345600 REF*12*0312345624 REF*CP**AMIL.BGS2 DTM*152*20100701 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFCP REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100701 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*16*0001 <div style="background-color: #e0e0e0; padding: 2px;">Gray segments are optional or conditional.</div>

Note: RES should either exclude the NM1 Loops to change the CP Node for the entire account, or be sure to include an NM1 loop for every Service Point Identifier. To assign different MISO CP Nodes for a single account, it is necessary to send multiple 814 Change transactions.

814 Change Implementation Examples

Updated 1/6/2009

Supply Group (ComEd Only)

- RES to Utility – Not Used
- Utility to RES – Required if Supply Group changes

Example – Change Supply Group – Utility to RES

ComEd

Request - RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFPTC REF*11*0012345600 REF*12*0312345624*GROUPX REF*PTC**SELF-GENERATING DTM*152*20100630 SE*13*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFPTC REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Date Changes (DTM*150, DTM*151)

- RES to Utility: Not Used
- Utility to RES: Optional
- For a RES to change a date included on an Enrollment Request, the RES must rescind the Enrollment Request and submit a new one with the new date.
- A utility may change the Service Period Start Date or Service Period End Date in rare circumstances when the actual date is different than the date (or associated billing window) that was sent on the Enrollment Response or Drop transaction.

Example – Change of Service Period Start Date – Utility to RES

ComEd or Ameren Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*DTM150 REF*11*0012345600 REF*12*0312345624*GROUPX DTM*150*20100630 SE*12*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*DTM150 REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*DTM150 REF*11*0012345600 REF*12*0312345624*GROUPX DTM*150*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*16*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*DTM150 REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Example – Change of Service Period End Date – Utility to RES

ComEd or Ameren Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*DTM151 REF*11*0012345600 REF*12*0312345624*GROUPX DTM*151*20100630 SE*12*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*DTM151 REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*DTM151 REF*11*0012345600 REF*12*0312345624*GROUPX DTM*151*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*16*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*DTM151 REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Peak Load Contribution (PLC) (AMT*KC) (ComEd Only)

- RES to Utility – Not Used
- Utility to RES – Required to change the PLC

Example – Change Peak Load Contribution – Utility to RES

ComEd

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010033100001*20100331 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*AMTKC REF*11*0012345600 REF*12*0312345624*GROUPX AMT*KC*.9831 DTM*152*20100601 SE*13*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*AMTKC REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Transmission Contribution (NSPL) (AMT*KZ)

- RES to Utility – Not Used
- Utility to RES – Required to change the Network Service Peak Load (NSPL)

Example – Change Transmission Contribution (Network Service Peak Load) – Utility to RES ComEd or Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010033100001*20100331 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*AMTKZ REF*11*0012345600 REF*12*0312345624*GROUPX AMT*KZ*.9831 DTM*152*20100601 SE*13*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*AMTKZ REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

IMPORTANT: Due to the nature of where the AMT segments are available, in the event that the NSPL changes Ameren will send one change for each Service Point.

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010033100001*20100331 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*AMTKZ REF*11*0012345600 REF*12*0312345624*GROUPX AMT*KZ*41.98 DTM*152*20100601 NM1*MQ*3*****32*ALL REF*LU*00300801 SE*15*0001 ST*814*0002 BGN*13*2010033100002*20100331 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*AMTKZ REF*11*0012345600 REF*12*0312345624*GROUPX AMT*KZ*46.01 DTM*152*20100601 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0002	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*AMTKZ REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 SE*13*0001 ST*814*0002 BGN*11*20100401-8903*20100401***2010033100002 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*AMTKZ REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*13*0002 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Service Point Removal (Ameren Only)

- RES to Utility – Not Used
- Utility to RES – Required to change the Network Service Peak Load (NSPL)
- Note that if an 814 Change transaction is sent for a Service Point Removal, it also incorporates the associated Meter Removals and therefore there is no need to send an 814 Change for the Meter Removal(s).

Example – Service Point Removal(s) – Utility to RES

The example below shows the removal of two Service Points. The first Service Point (00090001) has two Meters (MG001111 and GE000222) and the second Service Point (04800002) is Unmetered.

Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1SR REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*SR*3*****32* MG001111 REF*LU* 00090001 NM1*SR*3*****32* GE000222 REF*LU* 00090001 NM1*SR*3*****32* UNMETERED REF*LU* 04800002 SE*18*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1SR REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1SR REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*SR*3*****32* MG001111 REF*LU* 00090001 NM1*SR*3*****32* GE000222 REF*LU* 00090001 NM1*SR*3*****32* UNMETERED REF*LU* 04800002 SE*18*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1SR REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00090001 NM1*MQ*3*****32*ALL REF*LU*04800002 SE*15*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Service Point Addition (Ameren Only)

- A Service Point Addition would only be sent to a RES if a Service Point is added to POR Eligibility Group A customers.
- The following information must be sent, for each meter and/or unmetered service, on a Service Point addition:
 - Meter Number or literal UNMETERED
 - Voltages
 - Service Point Number
 - Number of Dials (if not unmetered)
 - Rate Class
 - Meter Constant (if not unmetered)
 - Load Profile
 - Meter Role (if not unmetered)
 - Type of Metering
 - Special Meter Configuration (if applicable)

Example – Service Point Addition – Utility to RES

The example below shows the addition of one Service Point (00090001) with two meters (MG109111 and MG109222) from the same account.

Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1SA REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*SA*3*****32*MG109111 REF*LU*00090001 REF*NH*RS REF*LO*10 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*10 REF*JH*A NM1*SA*3*****32*MG109222 REF*LU*00090001 REF*NH*RS REF*LO*12 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*40 REF*JH*A SE*36*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1SA REF*11*0012345600 REF*12*0312345624 SE*11*0001 <div style="background-color: #e0e0e0; padding: 2px; border: 1px solid #ccc;"> Gray segments are optional or conditional. </div>

814 Change Implementation Examples

Updated 1/6/2009

Ameren Non-Mass Market

Note: The only difference between the Ameren Mass Market and Non-Mass Market are the optional NM1 Loops on the Response transaction.

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1SA REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*SA*3*****32*MG109111 REF*LU*00090001 REF*NH*RS REF*LO*10 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*10 REF*JH*A NM1*SA*3*****32*MG109222 REF*LU*00090001 REF*NH*RS REF*LO*12 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*40 REF*JH*A SE*36*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1SA REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00090001 NM1*MQ*3*****32*ALL REF*LU*04800002 SE*11*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Example – Service Point Addition (Unmetered Services) – Ameren to RES

The example below shows the addition of one Service Point (00090001) with two meters (MG109111 and MG109222) from the same account.

Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1SA REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*SA*3*****32*UNMETERED REF*LU*00090003 REF*NH*UNM REF*LO*99 REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY SE*19*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1SA REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Note: The only difference between the Ameren Mass Market and Non-Mass Market is the optional NM1 Loop on the Response transaction.

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1SA REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*SA*3*****32*UNMETERED REF*LU*00090003 REF*NH*UNM REF*LO*99 REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY SE*19*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1SA REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00090003 SE*13*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Meter Removal

- RES to Utility: Not Used
- Utility to RES: Required if Meter Removed from an existing account served by a RES
- Only one 814 is necessary to remove multiple meters and/or unmetered service from an account. Multiple NM1 Loops will be sent indicating each meter number being removed, and/or one NM1 Loop will be sent for unmetered services. No additional information will be provided other than Meter Number (and for Ameren, the Service Point Number associated with that meter).

Example – Meter Removal(s) – Utility to RES

The example below shows the removal of two Meters and Unmetered Services from the same account.

ComEd

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MR REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MR*3*****32* MG109111 NM1*MR*3*****32* MG109222 NM1*MR*3*****32* UNMETERED SE*15*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MR REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MR REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MR*3*****32* MG109111 REF*LU* 00090001 NM1*SR*3*****32* MG109222 REF*LU* 00090001 NM1*SR*3*****32* UNMETERED REF*LU* 04800002 SE*18*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MR REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Ameren Non-Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MR REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MR*3*****32* MG109111 REF*LU* 00090001 NM1*SR*3*****32* MG109222 REF*LU* 00090001 NM1*SR*3*****32* UNMETERED REF*LU* 04800002 SE*18*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MR REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00090001 NM1*MQ*3*****32*ALL REF*LU*04800002 SE*15*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Meter Addition

- RES to Utility: Not Used
- Utility to RES: Required if Meter Added to an existing account served by a RES
- The Service Point Addition and Meter Addition transactions are the same except for the Reason for Change code (REF*TD) and the NM101 code. It is important, however to distinguish whether an entire Service Point is being added or just a single meter on the Service Point.
- The following information must be sent, for each meter and/or unmetered service, on a Meter Addition:
 - o Meter Number or literal UNMETERED
 - o Voltages
 - o Service Point Number (Ameren Only)
 - o Number of Dials (if not unmetered)
 - o Rate Class
 - o Meter Constant (if not unmetered)
 - o Load Profile
 - o Meter Role (if not unmetered)
 - o Type of Metering
 - o Special Meter Configuration (if applicable)

Example – Meter Addition(s) – Utility to RES

ComEd

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MA*3*****32*MG109111 REF*NH*RS REF*LO*10 REF*TU*51*K1MON REF*TU*51*KHMON REF*IX*5.0 REF*4P*10 REF*JH*A NM1*MA*3*****32*MG109222 REF*NH*RS REF*LO*12 REF*TU*51*K1MON REF*TU*51*KHMON REF*IX*5.0 REF*4P*40 REF*JH*A SE*28*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 SE*11*0001 <div style="background-color: #e0e0e0; padding: 2px;">Gray segments are optional or conditional.</div>

814 Change Implementation Examples

Updated 1/6/2009

Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MA*3*****32*MG109111 REF*LU*00090001 REF*NH*RS REF*LO*10 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*10 REF*JH*A NM1*MA*3*****32*MG109222 REF*LU*04800002 REF*NH*RS REF*LO*12 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*40 REF*JH*A SE*36*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 SE*11*0001 <div style="background-color: #cccccc; padding: 5px;"> Gray segments are optional or conditional. </div>

814 Change Implementation Examples

Updated 1/6/2009

Ameren Non-Mass Market

Note: The only difference between the Ameren Mass Market and Non-Mass Market are the optional NM1 Loops on the Response transaction.

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MA*3*****32*MG109111 REF*LU*00090001 REF*NH*RS REF*LO*10 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*10 REF*JH*A NM1*MA*3*****32*MG109222 REF*LU*04800002 REF*NH*RS REF*LO*12 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*40 REF*JH*A SE*36*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00090001 NM1*MQ*3*****32*ALL REF*LU*04800002 SE*15*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Example – Meter Addition (Unmetered Services) – Utility to RES

The example below shows the addition of one Service Point (00090001) with two meters (MG109111 and MG109222) from the same account.

ComEd

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MA*3*****32*UNMETERED REF*NH*UNM REF*LO*99 REF*TU*51*KHMON SE*16*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MA*3*****32*UNMETERED REF*LU*00090003 REF*NH*UNM REF*LO*99 REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY SE*19*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Ameren Non-Mass Market

Note: The only difference between the Ameren Mass Market and Non-Mass Market is the optional NM1 Loop on the Response transaction.

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MA*3*****32*UNMETERED REF*LU*00090003 REF*NH*UNM REF*LO*99 REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY SE*19*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MA REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00090003 SE*13*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Meter Exchange – Requires all of the same data as a Meter Addition, and in addition, the Old Meter Number (REF*46).

- RES to Utility: Not Used
- Utility to RES: Required if Meter Exchanged on an existing account served by a RES
- The Meter Addition and Meter Exchange transactions are the same except for the Reason for Change code (REF*TD), the NM101 code and the inclusion of the Old Meter Number on the Meter Exchange.
- The following information must be sent, for each meter and/or unmetered service, on a Meter Addition:
 - Meter Number or literal UNMETERED
 - Service Point Number (Ameren Only)
 - Rate Class
 - Load Profile
 - Type of Metering
 - Voltages
 - Number of Dials (if not unmetered)
 - Meter Constant (if not unmetered)
 - Meter Role (if not unmetered)
 - Special Meter Configuration (if applicable)

Example – Meter Exchange – Utility to RES

ComEd

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MX REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MX*3*****32*MG109333 REF*46*MG109111 REF*NH*RS REF*LO*10 REF*TU*51*K1MON REF*TU*51*KHMON REF*IX*5.0 REF*4P*10 REF*JH*A NM1*MX*3*****32*MG109444 REF*46*MG109222 REF*NH*RS REF*LO*12 REF*TU*51*K1MON REF*TU*51*KHMON REF*IX*5.0 REF*4P*40 REF*JH*A SE*30*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MX REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MX REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MX*3*****32*MG109333 REF*46*MG109111 REF*LU*00090001 REF*NH*RS REF*LO*10 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*10 REF*JH*A NM1*MX*3*****32*MG109444 REF*46*MG109222 REF*LU*00090001 REF*NH*RS REF*LO*12 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*40 REF*JH*A SE*38*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MX REF*11*0012345600 REF*12*0312345624 SE*11*0001 <div style="background-color: #cccccc; padding: 5px;"> Gray segments are optional or conditional. </div>

814 Change Implementation Examples

Updated 1/6/2009

Ameren Non-Mass Market

Note: The only difference between the Ameren Mass Market and Non-Mass Market are the optional NM1 Loops on the Response transaction.

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD* NM1MX REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1* MX *3*****32* MG109333 REF*46* MG109111 REF*LU*00090001 REF*NH*RS REF*LO*10 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*10 REF*JH*A NM1* MX *3*****32* MG109444 REF*46* MG109222 REF*LU*00090001 REF*NH*RS REF*LO*12 REF*TU*51*K1MON REF*TU*51*KHMON REF*SV*PRIMARY REF*KK*PRIMARY REF*4L*PRIMARY REF*IX*5.0 REF*4P*40 REF*JH*A SE*38*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD* NM1MX REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00090001 SE*13*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Change Meter Attributes

- RES to Utility: Not Used
- Utility to RES: Required if changing Meter Attributes on a meter served by a RES
- The following information must be sent, for each meter whose attributes are changing:
 - Meter Number
 - Meter Constant
 - Service Point Number (Ameren Only)
 - Meter Role
 - Type of Metering
 - Special Meter Configuration (if applicable)
 - Number of Dials

Example – Change Meter Attributes – Utility to RES

ComEd

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MQ REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MQ*3*****32*MG109111 REF*TU*51*K1MON REF*TU*51*KHMON REF*IX*5.0 REF*4P*10 REF*JH*A NM1*MQ*3*****32*MG109222 REF*TU*51*K1MON REF*TU*51*KHMON REF*IX*5.0 REF*4P*40 REF*JH*A SE*24*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MQ REF*11*0012345600 REF*12*0312345624 SE*11*0001 <div style="background-color: #cccccc; padding: 2px; border: 1px solid #000;"> Gray segments are optional or conditional. </div>

814 Change Implementation Examples

Updated 1/6/2009

Ameren Mass Market

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MQ REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MQ*3*****32*MG109111 REF*LU*00090001 REF*TU*51*K1MON REF*TU*51*KHMON REF*IX*5.0 REF*4P*10 REF*JH*A NM1*MQ*3*****32*MG109222 REF*LU*04800002 REF*TU*51*K1MON REF*TU*51*KHMON REF*IX*5.0 REF*4P*40 REF*JH*A SE*26*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MQ REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Ameren Non-Mass Market

Note: The only difference between the Ameren Mass Market and Non-Mass Market are the optional NM1 Loops on the Response transaction.

Request - Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*NM1MQ REF*11*0012345600 REF*12*0312345624 DTM*152*20100630 NM1*MQ*3*****32*MG109111 REF*LU*00090001 REF*TU*51*K1MON REF*TU*51*KHMON REF*IX*5.0 REF*4P*10 REF*JH*A NM1*MQ*3*****32*MG109222 REF*LU*04800002 REF*TU*51*K1MON REF*TU*51*KHMON REF*IX*5.0 REF*4P*40 REF*JH*A SE*26*0001	ST*814*0001 BGN*11*20100401-8903*20100401***2010033100001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*NM1MQ REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00090001 NM1*MQ*3*****32*ALL REF*LU*04800002 SE*15*0001 <div style="background-color: #e0e0e0; padding: 5px; border: 1px solid #ccc;"> Gray segments are optional or conditional. </div>

814 Change Implementation Examples

Updated 1/6/2009

Utility Rate Class Changes (REF*NH)

- RES to Utility: Not Used
- Utility to RES: Required to change the Utility Rate Class

Example – Change of Utility Rate Class – Utility to RES

ComEd or Ameren Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFNH REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100901 NM1*MQ*3*****32*ALL REF*LU*00300801 REF*NH*DS-1 NM1*MQ*3*****32*ALL REF*LU*20323333 REF*NH*DS-2 SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFNH REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFNH REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100901 NM1*MQ*3*****32*ALL REF*LU*00300801 REF*NH*DS-4 NM1*MQ*3*****32*ALL REF*LU*20323333 REF*NH*DS-4 SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFNH REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Load Profile Changes (REF*LO)

- RES to Utility: Not Used
- Utility to RES: Required to change the Load Profile

Example – Change of Load Profile – Utility to RES

ComEd or Ameren Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFLO REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100901 NM1*MQ*3*****32*ALL REF*LU*00300801 REF*LO*LP2 NM1*MQ*3*****32*ALL REF*LU*20323333 REF*LO*LP8 SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFLO REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFLO REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100901 NM1*MQ*3*****32*ALL REF*LU*00300801 REF*LO*LP2 NM1*MQ*3*****32*ALL REF*LU*20323333 REF*LO*LP8 SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFLO REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

RES Rate Code (REF*RB) (Ameren Only)

- RES to Utility: Used to Change RES Rate Code for Mass Market Customers.
 - The RES Rate Code segment must also be provided on a Bill Option Change when changing to Rate Ready (see prior example).
- Utility to RES – Not Used
- Changes received by the utility will be processed in the system and will be used the next time that the account bills. Therefore, the effective date is the prior meter read date.

Example – Change RES Rate Code – RES to Utility

Ameren Mass Market

Request - RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFRB REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*RB*XYZ222 SE*12*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFCP REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 SE*12*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request - RES to Utility	Response – Utility to RES
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFRB REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*RB*XYZ222 REF*LU*00300801 NM1*MQ*3*****32*ALL REF*RB*EFG111 REF*LU*20323333 SE*17*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFRB REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*16*0001 Gray segments are optional or conditional.

Note: To apply the Rate Code to the entire account, the RES should not send the Service Point Identifier(s). To apply a different Rate Code for each Service Point, the RES must send one NM1 Loop for each Service Point.

814 Change Implementation Examples

Updated 1/6/2009

Supply Voltage Changes (REF*SV) (Ameren Only)

- RES to Utility: Not Used
- Utility to RES: Required to change the Supply Voltage

Example – Change of Supply Voltage – Utility to RES

Ameren Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFSV REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 REF*SV*PRIMARY NM1*MQ*3*****32*ALL REF*LU*20323333 REF*SV*PRIMARY SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFSV REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFSV REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 REF*SV*PRIMARY NM1*MQ*3*****32*ALL REF*LU*20323333 REF*SV*PRIMARY SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFSV REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Delivery Voltage Changes (REF*KK) (Ameren Only)

- RES to Utility: Not Used
- Utility to RES: Required to change the Delivery Voltage

Example – Change of Delivery Voltage – Utility to RES

Ameren Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFKK REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 REF*KK*PRIMARY NM1*MQ*3*****32*ALL REF*LU*20323333 REF*KK*PRIMARY SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFKK REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFKK REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 REF*KK*PRIMARY NM1*MQ*3*****32*ALL REF*LU*20323333 REF*KK*PRIMARY SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REFKK REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

Meter Voltage Changes (REF*4L) (Ameren Only)

- RES to Utility: Not Used
- Utility to RES: Required to change the Meter Voltage

Example – Change of Meter Voltage – Utility to RES

Ameren Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFSV REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 REF*4L*PRIMARY NM1*MQ*3*****32*ALL REF*LU*20323333 REF*4L*PRIMARY SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REF4L REF*11*0012345600 REF*12*0312345624 SE*11*0001 Gray segments are optional or conditional.

Ameren Non-Mass Market

Request – Utility to RES	Response – RES to Utility
ST*814*0001 BGN*13*2010063000001*20100630 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*7*001 REF*TD*REFSV REF*11*0012345600 REF*12*0312345624*GROUPX DTM*152*20100630 NM1*MQ*3*****32*ALL REF*LU*00300801 REF*4L*PRIMARY NM1*MQ*3*****32*ALL REF*LU*20323333 REF*4L*PRIMARY SE*18*0001	ST*814*0001 BGN*11*20100701-8903*20100701***2010063000001 N1*8S*UTILITY*1*006912345 N1*SJ*SUPPLIER*9*007909111IL00 N1*8R*NEW CUSTOMER NAME LIN*1*SH*EL*SH*CE ASI*WQ*001 REF*TD*REF4L REF*11*0012345600 REF*12*0312345624 NM1*MQ*3*****32*ALL REF*LU*00300801 NM1*MQ*3*****32*ALL REF*LU*20323333 SE*15*0001 Gray segments are optional or conditional.

814 Change Implementation Examples

Updated 1/6/2009

To Be Discussed: Rejection Reasons on the Response

- **008** – Account Exists But is Not Active
- **A13** – Other
- **A76** – Account Not Found
 - **Question** – Do we need a Service Point Not Found?
- **A84** – Invalid Relationship (Not RES of Record)
- **ABN** – Duplicate Request Received
- **ANE** – Account Not Eligible
 - Need to further define the use of this code
- **API** – Required Information Missing
- **C11** – Change Reason (REF*TD) Missing or Invalid
- **C13** – Multiple Change Request Not Supported
- **DIV** - ?
- **FRB** – Invalid Bill Option - If either party does not send REF*BLT, REF*PC and REF*9V together, rejection reason code FRB (Invalid Bill Option) will be sent. The system may be programmed to include text in REF03 to further specify why it is invalid (i.e., REF*BLT, REF*PC and REF*9V must all be sent for a Bill Option Change). If you do include the text, be sure NOT to use your own delimiters in that text!
- **NCB** – RES Not Certified to Provide Requested Bill Option – May also be used if requesting a bill option outside of the option chosen for the POR Eligibility Groups.
- **NEB** – Customer Not Eligible for Requested Bill Option
- **UND** – Cannot Identify Service Provider - DUNS or DUNS+4 in N104 Invalid
- **W05** – Requested Rate Not Found or in effect (Rate Ready Only).