

# Electronic Data Exchange Standards for Energy Deregulation in New York

**814 Change (Account  
Maintenance)**

**~~EDI 814~~ Data Dictionary**

**~~May 17, 2006~~ October 23, 2014**  
Version 1.**45**

|                       |  |
|-----------------------|--|
|                       | <b>Summary of Changes</b>  |
| <b>July 20, 2001</b>  | <b>Initial Release</b>   |
| <b>April 16, 2002</b> | <b>Version 1.1 Released</b>  |
|                       | Implementation Guide (Changes Did Not Affect Data Dictionary)  |
| <b>August 7, 2002</b> | <b>Version 1.2 Issued</b>  |
|                       | <p>Inserted new REF*AJ segment (Utility Account Number for ESCO/Marketer)</p> <p>Modified the REF03 element note for the REF*65 segment to clarify the use attribute for this element.</p> <p>Renumbered lines and adjusted line references in the 'Comments' column.</p>  |
| <b>March 17, 2004</b> | <b>Version 1.3 Issued</b>  |
|                       | <p>Added AMT*9M and AMT*9N segments to enable ESCOs to transmit customer's tax rate information when the bill option requested is Utility Rate Ready consolidated billing and the Utility requires ESCOs to provide this data in an Enrollment transaction. When different tax rates are applicable to portions of the customers service it will be necessary to send both the AMT*9M (residential tax rate applicable to a portion of the service) and the AMT*9N segment (commercial tax rate applicable) when a REF*RP segment is present in a Request transaction.</p> <p>Coding for the REF*GC (Gas Capacity Assignment/Obligation) has been corrected (from Yes/No to Y/N) to be consistent with the coding for the same segment in the Enrollment Standard.</p> <p>Corrected the segment notes for the NM1 Loop to indicate that transmitting an NM1 Loop in a Response transaction is 'Optional' rather than "Not Used".</p> |
| <b>May 17, 2006</b>   | <b>Version 1.4 Issued</b>  |
|                       | <p>References to Niagara Mohawk or NMPC throughout the document are revised to refer to National Grid.</p> <p>References to RG&amp;E's use of the Single Retailer Model have been deleted. This model is no longer offered in Rochester's service territory.</p> <p>A PER segment is added to the N1 (Customer) Loop (N101=8R) to enable parties to communicate changes in a <del>eustomers</del><u>customer's</u> telephone number where the telephone number was initially sent in an Enrollment Accept Response transaction in an N1 (Customer) Loop.</p> <p>The N1*8R (Customer) segment note is revised to reflect the addition of a PER segment in the N1 (Customer) Loop.</p> <p>The REF*11 (ESCO/Marketer Customer Account Number) segment note is changed to indicate that this segment must be sent when the Utility is the bill presenter and there is a change in the account number.</p>                                |

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|--------------------------------|---|
|                                | <b>Version 1.4 Continued</b>  |
|                                | <p>A REF03 element is added to the REF*12 segment (Utility Account Number) for use in Change Requests sent to, or received from, Orange &amp; Rockland Utilities when the reported change pertains to the un-metered portion of a <del>customers</del><u>customer's</u> electric service when both metered and un-metered service are present on the same account.</p> <p>The REF*AJ (Utility Assigned Account Number for ESCO/Marketer) segment note is revised to indicate that this segment is Not Used in a Response transaction.</p> <p>A REF*LF (E/M Late Fees) segment is added at the account level to enable E/Ms to communicate a change in late fee policies for customers receiving a Rate Ready consolidated bill from National Fuel Gas.</p> <p>An- AMT*B5 (E/M Budget Plan Installment Amount) segment is added for use in National Fuel Gas service territory. The AMT*B5 segment is used in that service territory to communicate a change in the customers budget plan installment amount for E/M charges when the bill option is Rate Ready consolidated billing and the payment option is Pay-As-You-Get-Paid.</p> <p>Additional codes were added to the REF*TD (Reason for Change – Account Level) segment to accommodate the new segments (PERIC, REFLF and AMTB5).</p> <p>The segment notes for the LIN and REF*TD segments were revised to clarify the number of changes that may be sent in a LIN Loop at the Header and Detail levels.</p> <p>The REF*RB (ESCO Rate Code) segment notes and use attribute are revised to indicate that this segment may be echoed back in transactions responding to requests for rate code changes for an ESCO Referral Program account. Renumbered lines and adjusted line references in the 'Comments' column.</p> |
| <b><u>October 23, 2014</u></b> | <b><u>Version 1.5</u></b>   |
|                                | <p><u>Utility specific notes are generalized, as appropriate, and designated for relocation to/reference within Utility Maintained EDI Guides, as necessary.</u></p> <p><u>Replaced references to Marketer and E/M with ESCO.</u></p>   |
|                                | <p><u>New Change Reason Codes added at the account level and new segments from Case No. 12-M-0476</u></p> <p><u>REFIJ – Change Industrial Classification Code</u></p> <p><u>REFSG – Change Utility Discount Indicator</u></p> <p><u>REFTDT – Change Account Settlement Indicator</u></p> <p><u>REFTX – Change Tax Exempt Status</u></p> <p><u>REFYP – Change NYPA Discount Indicator</u></p> <p><u>Adding AMT03 field to the AMT*KZ segment to accommodate the ICAP Special Program Indicator Code.</u></p>   |



| Row No | NY DD Field Name       | Loop ID | Segment | Level | Position | Ref Desc | Name                            | Description   | Code                                       | Data Type | Request     | Response    | Comments   |
|--------|------------------------|---------|---------|-------|----------|----------|---------------------------------|---|--|-----------|-------------|-------------|--|
| 1      | Transaction Set Header | None    | ST      | HDR   | 010      | 01       | Transaction Set Identifier Code | Indicates Type of transaction   | 814  | ID(3/3)   | Required    | Required    |  |
| 2      | Transaction Set Header | None    | ST      | HDR   | 010      | 02       | Transaction Set Control Number  | Unique number generated by senders system   | ID#  | AN(4/9)   | Required    | Required    |  |
| 3      | Beginning Segment      | None    | BGN     | HDR   | 020      | 01       | Transaction Set Purpose Code    | Purpose of transaction  | Request =13<br>Response =11                | ID(2/2)   | Required    | Required    |  |
| 4      | Beginning Segment      | None    | BGN     | HDR   | 020      | 02       | Reference Identification        | Unique and permanent ID for this transaction                                      | ID#  | AN(1/30)  | Required    | Required    |  |
| 5      | Beginning Segment      | None    | BGN     | HDR   | 020      | 03       | Date                            | Date transaction was created in senders system                                    | CCYYMMDD                                   | DT(8/8)   | Required    | Required    |  |
| 6      | Beginning Segment      | None    | BGN     | HDR   | 020      | 06       | Reference Identification        | If BGN01=11, this element is the BGN02 from the original transaction              | ID#  | AN(1/30)  | Not Used    | Conditional | This element is required on Response transactions.   |
| 7      | Name (ESCO/Mark-eter)  | N1 Loop | N1      | HDR   | 040      | 01       | Entity Identifier Code          | Code identifying the E/MESCO in this transaction                                  | SJ   | ID(2/3)   | Required    | Required    |  |
| 8      | Name (ESCO/Mark-eter)  | N1 Loop | N1      | HDR   | 040      | 02       | Name                            | literal name of the E/MESCO   | free form text                             | AN(1/60)  | Optional    | Optional    | E/MESCO name is not necessary but may be provided by mutual agreement of the trading partners.   |
| 9      | Name (ESCO/Mark-eter)  | N1 Loop | N1      | HDR   | 040      | 03       | Identification Code Qualifier   | Indicates type of ID number that will be sent in the N104 element of this segment | 1=DUNS #<br>9=DUNS#+4<br>24=Federal Tax ID | ID(1/2)   | Required    | Required    |  |
| 10     | Name (ESCO/Mark-eter)  | N1 Loop | N1      | HDR   | 040      | 04       | Identification Code             | ID number for E/MESCO   | ID#  | AN(2/80)  | Required    | Required    |  |
| 11     | Name (Utility)         | N1 Loop | N1      | HDR   | 040      | 01       | Entity Identifier Code          | Code identifying the utility in this transaction                                  | 8S   | ID(2/3)   | Required    | Required    |  |
| 12     | Name (Utility)         | N1 Loop | N1      | HDR   | 040      | 02       | Name                            | Literal name of the Utility in this transaction                                   | free form text                             | AN(1/60)  | Optional    | Optional    | Utility name is not necessary but may be provided by mutual agreement of the trading partners.   |
| 13     | Name (Utility)         | N1 Loop | N1      | HDR   | 040      | 03       | Identification Code Qualifier   | Indicates type of ID number that will be sent in the N104 element of this segment | 1=DUNS #<br>9=DUNS#+4<br>24=Federal Tax ID | ID(1/2)   | Required    | Required    |  |
| 14     | Name (Utility)         | N1 Loop | N1      | HDR   | 040      | 04       | Identification Code             | ID number for Utility   | ID#  | AN(2/80)  | Required    | Required    |  |
| 15     | Name (Customer)        | N1 Loop | N1      | HDR   | 040      | 01       | Entity Identifier Code          | Code identifying the customer in this transaction                                 | 8R   | ID(2/3)   | Conditional | Not used    | This segment must be sent in a Request when a change in customer name (Utility or E/MESCO) or service address (Utility) or customer telephone number (Utility or E/MESCO) is being reported. |

| Row No | NY DD Field Name  | Loop ID | Segment | Level | Position | Ref Desc | Name                           | Description  | Code                       | Data Type | Request     | Response | Comments  |
|--------|---|---------|---------|-------|----------|----------|--------------------------------|--|----------------------------|-----------|-------------|----------|---|
| 16     | Name (Customer)   | N1 Loop | N1      | HDR   | 040      | 02       | Name                           | Literal name of the customer in this transaction             | Text or the literal "NAME" | AN(1/60)  | Required    | Not used | When an N1*8R segment is sent, this element is required. When the Utility reports a service address change, the Request transaction must contain either the actual customer name or the literal 'NAME' in the N102 element of this segment. If either the Utility or <u>E/MESCO</u> is reporting a change in the customer's name the N102 element must contain the new name.                    |
| 17     | Address Information (Service Address)                         | N1 Loop | N3      | HDR   | 060      | 01       | Address Information            | Customer Service Address - Street                            | Text                       | AN(1/55)  | Conditional | Not used | The N3 segment is sent when the Utility is reporting a change in the customer service address - street.   |
| 18     | Address Information (Service Address)                         | N1 Loop | N3      | HDR   | 060      | 02       | Address Information (overflow) | If N301 exceeds 55 characters, the overflow is sent in N302  | Text                       | AN(1/55)  | Conditional | Not used | When a change in customer service address - street is being reported this element is used for the overflow when the street address exceeds 55 characters.   |
| 19     | Geographic Location (Service Address)                         | N1 Loop | N4      | HDR   | 070      | 01       | City Name                      | Customer Service Address - City Name                         | Text                       | AN(2/30)  | Conditional | Not used | This segment must be sent when the Utility is reporting a change in service address.  |
| 20     | Geographic Location (Service Address)                         | N1 Loop | N4      | HDR   | 070      | 02       | State or Province Code         | Customer Address - State Name                                | Text                       | ID(2/2)   | Required    | Not used | See Note on Line 19. When an N4 segment is being sent, this element is required.  |
| 21     | Geographic Location (Service Address)                         | N1 Loop | N4      | HDR   | 070      | 03       | Postal Code                    | Customer Address- zipcode                                    | Text                       | ID(3/15)  | Required    | Not used | See Note on Line 19. When an N4 segment is being sent, this element is required.  |
| 22     | Administrative Communications Contact (Customer Phone number) | N1 Loop | PER     | HDR   | 080      | 01       | Contact Function Code          | Code indicating customer's phone number will be transmitted. | IC                         | ID(2/2)   | Conditional | Not used | This segment may be sent by either the Utility or <u>E/MESCO</u> to provide, or to update, a customer's phone number. If the phone contact information was initially provided in an N1 (Customer) Loop (an N1*8R segment) then the change should be reported in the same Loop in a Change Request transaction. An N1*8R segment must be present in addition to the PER segment for this change. |
| 23     | Administrative Communications Contact (Customer Phone number) | N1 Loop | PER     | HDR   | 080      | 02       | Communication Number Qualifier | Code indicating telephone communication                      | TE                         | ID(2/2)   | Required    | Not used | When a PER segment is being sent, this element is required.   |

| Row No | NY DD Field Name  | Loop ID | Segment | Level | Position | Ref Desc | Name                   | Description   | Code                       | Data Type | Request     | Response | Comments   |
|--------|---|---------|---------|-------|----------|----------|------------------------|---|----------------------------|-----------|-------------|----------|--|
| 24     | Administrative Communications Contact (Customer Phone number) | N1 Loop | PER     | HDR   | 080      | 04       | Communication Number   | Customer's phone number; area code + 7 digit number (xxxxxyzzzz)                                    | xxxxxyzzzz                 | AN(1/80)  | Required    | Not used | When a PER segment is being sent, this element is required.  |
| 25     | Name (Name for Mailing )                                      | N1 Loop | N1      | HDR   | 040      | 01       | Entity Identifier Code | Code indicating that the address information in N3/N4 is the customer's mailing address for billing | BT                         | ID(2/3)   | Conditional | Not used | This segment must be sent by either the Utility or the <a href="#">E/MESCO</a> when the customer receives a consolidated bill and the name associated with the mailing address and/or the mailing address has changed. This segment must also be sent by <a href="#">E/MESCO</a> to report a change in the customer's telephone number.  |
| 26     | Name (Name for Mailing )                                      | N1 Loop | N1      | HDR   | 040      | 02       | Name                   | Name associated with the mailing address  | Text or the literal 'NAME' | AN(1/60)  | Required    | Not used | When an N1*BT segment is being sent, this element is required. When a change in the name associated with the billing address is being reported, this element should contain the new name. If the name for mailing is unchanged but a new address is being reported, this element may contain either the actual name associated with the mailing address or the literal "NAME" at the discretion of the sender. |
| 27     | Address Information (Mailing Address )                        | N1 Loop | N3      | HDR   | 060      | 01       | Address Information    | Customer's mailing address - Street.  | Text                       | AN(1/55)  | Conditional | Not used | See Notes on lines 25- 26. Refer to the implementation guide for the conditions associated with the N3 segment. This element may contain additional data when NFG is the initiator of the Request transaction.   |
| 28     | Address Information (Mailing Address )                        | N1 Loop | N3      | HDR   | 060      | 02       | Address Information    | If N301 exceeds 55 characters, the overflow is sent in N302   | Text                       | AN(1/55)  | Conditional | Not used | See Notes on lines 25- 26. Refer to the implementation guide for the conditions associated with the N3 segment. The N302 element may be required if the mailing address - street exceeds 55 characters. This element may contain additional data when <a href="#">NFGa utility that elects the practice in its Utility Maintained EDI Guide</a> is the initiator of the Request transaction.                   |
| 29     | Geographic Location (Mailing Address )                        | N1 Loop | N4      | HDR   | 070      | 01       | City Name              | Customer Mailing Address - City Name  | Text                       | AN(2/30)  | Conditional | Not used | See Notes on lines 25- 26. Refer to the implementation guide for the conditions associated with the N4 segment.  |
| 30     | Geographic Location (Mailing Address )                        | N1 Loop | N4      | HDR   | 070      | 02       | State or Province Code | Customer Mailing Address - State Name   | Text                       | ID(2/2)   | Conditional | Not used | See Notes on lines 25- 26. Refer to the implementation guide for the conditions associated with the N4 segment and the conditions associated with the N402 element.  |

| Row No | NY DD Field Name  | Loop ID  | Segment | Level | Position | Ref Desc | Name                           | Description  | Code   | Data Type | Request     | Response | Comments   |
|--------|---|----------|---------|-------|----------|----------|--------------------------------|--|--|-----------|-------------|----------|--|
| 31     | Geographic Location (Mailing Address )                        | N1 Loop  | N4      | HDR   | 070      | 03       | Postal Code                    | Customer Mailing Address - zip code                              | Text   | ID(3/15)  | Conditional | Not used | See Notes on lines 25- 26. Refer to the implementation guide for the conditions associated with the N4 segment and the conditions associated with the N403 element.  |
| 32     | Administrative Communications Contact (Customer Phone number) | N1 Loop  | PER     | HDR   | 080      | 01       | Contact Function Code          | Code indicating customer's phone number will be transmitted.     | IC   | ID(2/2)   | Conditional | Not used | This segment should be sent by the <del>E/MESCO</del> in conjunction with an N1*BT segment when there has been a change in the customer's telephone number.  |
| 33     | Administrative Communications Contact (Customer Phone number) | N1 Loop  | PER     | HDR   | 080      | 03       | Communication Number Qualifier | Code indicating telephone communication                          | TE   | ID(2/2)   | Required    | Not used | See Note on line 32. When a PER*IC segment is sent, this element is required.  |
| 34     | Administrative Communications Contact (Customer Phone number) | N1 Loop  | PER     | HDR   | 080      | 04       | Communication Number           | Customer's phone number; area code + 7 digit number (xxxxxyzzzz) | xxxxxyzzzz   | AN(1/80)  | Required    | Not used | See Note on line 32. When a PER*IC segment is sent, this element is required.  |
| 35     | Item Identification   | LIN Loop | LIN     | DTL   | 010      | 01       | Assigned Identification        | Unique identifier assigned to this LIN request                   | Unique ID for each LIN request generated by the sender | AN(1/20)  | Required    | Required | All segments in a Change Request or Response transaction must pertain to the same account number and commodity (electric or gas). A single Change transaction may be used to request or respond to multiple changes on an account for the commodity specified. It is necessary to transmit each change segment in the header section in a separate LIN loop; changes at the NM1 (Detail level) may be grouped by meter number or ALL or Un-Metered in one LIN loop. The LIN01 identifier identifying the response to a request must be the same identifier sent in the request transaction (refer to sample transactions in the IG). For more detailed instructions regarding LIN looping structure please refer to the Front Matter notes in the 814 Change Implementation Guide. |
| 36     | Item Identification   | LIN Loop | LIN     | DTL   | 010      | 02       | Product/Service ID Qualifier   | Indicates a service is being requested                           | SH   | ID(2/2)   | Required    | Required |  |
| 37     | Item Identification   | LIN Loop | LIN     | DTL   | 010      | 03       | Product/Service ID             | Commodity Type   | EL or GAS  | AN(1/48)  | Required    | Required | Only one commodity (Electric or Gas) may be reported in each 814 Change transaction.   |
| 38     | Item Identification   | LIN Loop | LIN     | DTL   | 010      | 04       | Product/Service ID Qualifier   | Indicates a service is being requested                           | SH   | ID(2/2)   | Required    | Required |  |

| Row No | NY DD Field Name   | Loop ID  | Segment | Level | Position | Ref Desc | Name                               | Description   | Code  | Data Type | Request     | Response    | Comments   |
|--------|--|----------|---------|-------|----------|----------|------------------------------------|---|---|-----------|-------------|-------------|--|
| 39     | Item Identification  | LIN Loop | LIN     | DTL   | 010      | 05       | Product/Service ID                 | Indicates the change reported pertains to the enrollment for energy services. | CE  | AN(1/48)  | Required    | Required    | The CE code is generally associated with enrollment for energy services. The ASI02 element (line 38 below) contains the code (001) indicating this is a Change transaction.  |
| 40     | Action or Status Indicator                                   | LIN Loop | ASI     | DTL   | 020      | 01       | Action Code                        | Code indicating the action or status of the LIN request.                      | 7=Request<br>U=Reject<br>WQ=Accept          | ID(1/2)   | Required    | Required    |  |
| 41     | Action or Status Indicator                                   | LIN Loop | ASI     | DTL   | 020      | 02       | Maintenance Type Code              | Code indicating that this 814 transaction is a Change transaction.            | 001=Change                                  | ID(3/3)   | Required    | Required    |  |
| 42     | Reference Identification (Reject Response Reasons)           | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating that REF02 contains a reject reason                           | 7G  | ID(2/3)   | Not Used    | Conditional | This segment is used on Reject Response transactions to indicate the reason a change request has been rejected.  |
| 43     | Reference Identification (Reject Response Reasons)           | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Code corresponding to the reason for a rejection                              | A13, A76, A91, API, C11, FRB, FRC, M76, W05 | AN(1/30)  | Not Used    | Required    | See Note on line 42. When a REF*7G segment is sent, this element is required. Refer to the IG for code definitions.  |
| 44     | Reference Identification (Reject Response Reasons)           | LIN Loop | REF     | DTL   | 030      | 03       | Reference Identification           | Text supplied to provide further clarification when REF02 = A13 or API        | Text  | AN(1/80)  | Not Used    | Conditional | See Note on line 42. When REF02 in this segment is A13 (Other) or API (Required Information Missing) this element is required to clarify the reason for the rejection.   |
| 45     | Reference Identification (Reason for Change - Account Level) | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Reason for change   | TD  | ID(2/3)   | Conditional | Optional    | The REF*TD segments contain codes that identify the data segment(s) that contain the data that has, or will be, changed. The first occurrence of the REF*TD (at position 030) is used to identify the data segment(s) at the account level that are being changed. The REF*TD at position 130 is used to identify the data segment(s) at the meter level that are being changed (see line 107). The REF*TD segments may be echoed back on Response transactions at the option of the sender. |
| 46     | Reference Identification (Reason for Change - Account Level) | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Code which describes the change identified in the LIN loop.                   | see list of codes in IG                     | AN(1/30)  | Required    | Optional    | See Notes on line 45. The first portion of the code identifies the segment (e.g. AMT, DTM, N1, REF, etc.) that contains the data that has been, or will be, changed. The remaining portion of the code identifies the relevant code qualifier (e.g. for AMT segments the qualifiers would be "DP", "FW", etc.) for the data that has been changed. The changed data will be sent in the appropriate element of the identified segment. See Implementation Guide for examples.                |

| Row No | NY DD Field Name  | Loop ID  | Segment | Level | Position | Ref Desc | Name                               | Description   | Code      | Data Type | Request     | Response    | Comments  |
|--------|---|----------|---------|-------|----------|----------|------------------------------------|---|-----------|-----------|-------------|-------------|---|
| 47     | Reference Identification (ESCO/ <del>Mark</del><br><del>eter</del> Customer Account Number) | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating that the REF02 element contains the <del>E/MESCO</del> assigned account number for the customer | 11        | ID(2/3)   | Conditional | Conditional | This segment must be sent by the <del>E/MESCO</del> when the Utility is the bill presenter and the <del>E/MESCO</del> account number for the customer is being changed. This segment may be echoed back in a Response transaction at the option of the Utility.   |
| 48     | Reference Identification (ESCO/ <del>Mark</del><br><del>eter</del> Customer Account Number) | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Customer's account number   | Account # | AN(1/30)  | Required    | Not used    | See Line 47. When a REF*11 is being sent this element is required. This is the new account number for the customer assigned by the <del>E/MESCO</del> .   |
| 49     | Reference Identification (Utility Account Number)   | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating that the REF02 element contains the Utility assigned account number for the customer            | 12        | ID(2/3)   | Required    | Required    | The Utility account number assigned to the customer is used for validation and must be present on all transactions. The Utility is required to report a change in the customer's account number. The new/current account number is sent in the REF*12 segment of the Request transaction and the prior account number is sent in the REF*45 segment (see line 52). The Response transaction must contain the new account number in the REF*12 segment.  |
| 50     | Reference Identification (Utility Account Number)   | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Customer's account number   | Account # | AN(1/30)  | Required    | Required    | See Line 46.  |
| 51     | Reference Identification (Utility Account Number)   | LIN Loop | REF     | DTL   | 030      | 03       | Description                        | Un-metered service designator (electric accounts only)  | U         | AN(1/80)  | Conditional | Conditional | <del>This</del> For utilities that support the practice of responding to requests pertaining specifically to the un-metered portion of accounts, this element is only sent in Requests to, or provided in Responses from, <del>O&amp;R</del> the utility when the change being reported pertains to the un-metered service on an electric account that includes both metered and un-metered service. When the Request pertains to all service on an electric account this element is not used. The <del>O&amp;R</del> Response transaction will contain this element if present in the Request transaction. |
| 52     | Reference Identification (Previous Utility)   | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating that REF02 contains the Utility's previous account number for                                   | 45        | ID(2/3)   | Conditional | Not used    | This segment must be sent by the Utility when a customer's account number has changed.  |

98-M-0667

Meeting

Supplement F

- Draft Revisions for 9/26/2014

NY814 Account Change

Data Dictionary v1.45

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|--|--------------------|--|--|--|--|--|--|--------------|--|--|--|--|--|
|  | Account<br>Number) |  |  |  |  |  |  | the customer |  |  |  |  |  |
|--|--------------------|--|--|--|--|--|--|--------------|--|--|--|--|--|

~~May 17, 2006~~ October 23, 2014

| Row No | NY DD Field Name  | Loop ID  | Segment | Level | Position | Ref Desc | Name                               | Description  | Code                     | Data Type | Request     | Response    | Comments   |
|--------|---|----------|---------|-------|----------|----------|------------------------------------|--|--------------------------|-----------|-------------|-------------|--|
| 53     | Reference Identification (Previous Utility Account Number)          | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Customer's old account number  | Account #                | AN(1/30)  | Required    | Not used    | See Line 52. When a REF*45 segment is sent, this element is required.  |
| 54     | Reference Identification (Utility Account Number for ESCO/Marketer) | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating that REF02 contains a Utility assigned account number for the ESCO/Marketer.                 | AJ                       | ID(2/3)   | Conditional | Conditional | An account number assigned to the ESCO/Marketer by the Utility may be provided by mutual agreement of the trading partners.  |
| 55     | Reference Identification (Utility Account Number for ESCO/Marketer) | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Utility account number for the ESCO/Marketer   | Account #                | AN(1/30)  | Required    | Required    | When a REF*AJ is being sent, this element is required.   |
| 56     | Reference Identification (Meter Cycle Code)                         | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating that REF02 contains the meter cycle code for the account being enrolled.                     | 65                       | ID(2/3)   | Conditional | Not used    | This segment is sent by the Utility when there is a change in the customer's meter read cycle or there is a change in the frequency of the meter reads on a cycle. The code sent can be used to obtain the meter reading cycle date from the Utility's web site. |
| 57     | Reference Identification (Meter Cycle Code)                         | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           |  | Meter reading cycle code | AN(1/30)  | Required    | Not used    | See Line 56. When a REF*65 segment is sent this element is required.   |
| 58     | Reference Identification (Meter Cycle Code)                         | LIN Loop | REF     | DTL   | 030      | 03       | Description                        | Description of the normal reporting period covered by usage data to be sent on the 867.                      | MON, BIM, or QTR         | AN(1/80)  | Conditional | Not used    | See Line 56. The REF03 should be sent when the data in REF02 is insufficient for the recipient to determine the reporting period associated with a service end point.  |
| 59     | Reference Identification (Bill Cycle Code)                          | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating that the data contained in REF02/03 describes the bill cycle for the customer being enrolled | BF                       | ID(2/3)   | Required    | Not used    | This segment will be sent by the Utility when there is a change in the customer's billing cycle or a change in the frequency of billing on a cycle.  |
| 60     | Reference Identification (Bill Cycle Code)                          | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | An alphanumeric code used to obtain data on a customer's bill cycle.   |                          | AN(1/30)  | Required    | Not used    | Bill cycle codes may be used to reference data on a Utility web site regarding the customer's billing cycle.   |
| 61     | Reference Identification (Bill Cycle Code)                          | LIN Loop | REF     | DTL   | 030      | 03       | Description                        | Text indicating how frequently the customer is billed.   | MON, BIM, QTR            | AN(1/80)  | Conditional | Not used    | This element should be sent when the bill cycle has changed and bill frequency data is not made available on the Utility web site.   |

| Row No | NY DD Field Name   | Loop ID  | Segment | Level | Position | Ref Desc | Name                               | Description   | Code              | Data Type | Request     | Response | Comments   |
|--------|--|----------|---------|-------|----------|----------|------------------------------------|---|-------------------|-----------|-------------|----------|--|
| 62     | Reference Identification (Bill Presenter )               | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating REF02 identifies the bill presenter   | BLT               | ID(2/3)   | Conditional | Not used | This segment will be sent by Utilities or <del>E/MS</del> ESCOs to indicate a change in bill presenter status. This segment is not used in the Single Retailer Model. It may be necessary to send other data segments when requesting a change in either bill presenter or bill calculator. See the Front Matter notes in the Implementation Guide for further instructions. |
| 63     | Reference Identification (Bill Presenter )               | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Code indicating the customer's bill presenter arrangements                                    | DUAL, ESP, or LDC | AN(1/30)  | Required    | Not used | When a REF*BLT segment is sent, this element is required.  |
| 64     | Reference Identification (Bill Presenter )               | LIN Loop | REF     | DTL   | 030      | 03       | Description                        | If REF02=ESP and NY Billing Agency Model will be used, REF03 must contain the literal "AGENT" | text = AGENT      | AN(1/80)  | Conditional | Not used | This element is required when REF02 = ESP AND- the Billing Agency Model is being used. Refer to the NY Uniform Business Rules for a description of the Billing Agency requirements.  |
| 65     | Reference Identification (Bill Calculator)               | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating REF02 identifies the bill calculator  | PC                | ID(2/3)   | Conditional | Not used | This segment is sent by Utilities or <del>E/MS</del> ESCOs to indicate a change in bill calculator. This segment is not used in the Single Retailer Model. It may be necessary to send other data segments when requesting a change in either bill presenter or bill calculator. See the Front Matter notes in the Implementation Guide for further instructions.            |
| 66     | Reference Identification (Bill Calculator)               | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Each party calculates their own charges or Utility is the bill calculator                     | DUAL or LDC       | AN(1/30)  | Required    | Not used | See Line 65. When a REF*PC segment is being sent, this element is required.  |
| 67     | Reference Identification (Current Budget Billing Status) | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating this segment contains data on the customer's budget billing status.           | NR                | ID(2/3)   | Conditional | Not used | This segment is sent when the customer receives a consolidated bill and the <del>customers</del> customer's budget plan status with the initiator of the Request transaction is, or will be, changing. Changes in budget bill status are only applicable where the billing party has agreed to calculate budget bill amounts for the non-billing party.                      |
| 68     | Reference Identification (Current Budget Billing Status) | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Code indicating that the customer is, or is not, on a budget plan for the sender's charges.   | Y or N            | AN(1/30)  | Required    | Not used | When a REF*NR segment is being sent, this element is required.   |

| Row No | NY DD Field Name  | Loop ID  | Segment | Level | Position | Ref Desc | Name                               | Description   | Code  | Data Type | Request     | Response    | Comments  |
|--------|---|----------|---------|-------|----------|----------|------------------------------------|---|---|-----------|-------------|-------------|---|
| 69     | Reference Identification (E/MESCO Late Fees)                  | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating that REF02 indicates a change in the E/MESCOs late fee policy when the bill option is utility consolidated billing and the payment option is Pay-As-You-Get-Paid. | LF  | ID(2/3)   | Conditional | Conditional | This segment is sent to NFG when a change in the E/MESCOs late fee policy is being reported. This segment is only applicable to Utility Rate Ready consolidated billing with Pay-As-You-Get-Paid. -NFGA utility that elects the practice in its Utility Maintained EDI Guide may return this segment in a response transaction. |
| 70     | Reference Identification (E/MESCO Late Fees)                  | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Late fees will/will not be assessed by the Billing Party on E/MESCO past due amounts.   | N2,Y2   | AN(1/30)  | Required    | Required    | This element is required when a REF*LFsegment is being sent.  |
| 71     | Reference Identification (Partial Participation Portion)      | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating the segment contains data on the load to be supplied by the E/MESCO for partial requirements customers.   | PGC   | ID(2/3)   | Conditional | Not used    | A partial requirements customer of a Utility may elect to change the portion of load served by an E/MESCO and may notify either the Utility or the E/MESCO. This segment is then sent to report the change to the other party.  |
| 72     | Reference Identification (Partial Participation Portion)      | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | E/MESCO will serve base load or total load.   | B (base) or T (total)                                   | AN(1/30)  | Required    | Not used    | When a REF*PGC is sent, this element is required.   |
| 73     | Reference Identification (Customer on Life Support)           | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating the customer's use of life support equipment.   | SU  | ID(2/3)   | Conditional | Not used    | Under the Single Retailer Model, the E/MESCO is required to send a change request when the customer's life support status changes.  |
| 74     | Reference Identification (Customer on Life Support)           | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Indicates whether life support equipment is required or not required  | N= Life support not required<br>Y=Life support required | AN(1/30)  | Required    | Not used    | See Line 73. When a REF*SU is being sent, this element is required.   |
| 75     | Reference Identification (Gas Pool ID)                        | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating REF02 contains the customer's gas pool id.  | VI  | ID(2/3)   | Conditional | Not used    | GAS ONLY. Sent on a Request by the E/MESCO to indicate the customer has been moved from one gas pool to another.  |
| 76     | Reference Identification (Gas Pool ID)                        | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | The pool id   | ID#   | AN(1/30)  | Required    | Not used    | When a REF*VI is being sent, this element is required to indicate the new pool id.  |
| 77     | Reference Identification (Gas Capacity Assignment/Obligation) | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier | Code indicating that REF 02 contains data describing gas capacity arrangements for the customer.  | GC  | ID(2/3)   | Conditional | Not used    | GAS ONLY. This segment may be sent by either the Utility or E/MESCO (where supported) to indicate a change in the customers gas capacity arrangements. Changes in capacity arrangements may only be sent during the non-heating season.   |
| 78     | Reference Identification                                      | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification           | Text indicating new capacity arrangement  | Y or N  | AN(1/30)  | Required    | Not used    | When a REF*GC is being sent, this element is required. Please refer to  |

|        | (Gas Capacity Assignment/Obligation)   |          |         |       |          |          |  |  |                             |                 |             |                      | the 814 Change Implementation Guide for the definition of Y and N.  |
|--------|--|----------|---------|-------|----------|----------|--|--|-----------------------------|-----------------|-------------|----------------------|---|
| Row No | NY DD Field Name   | Loop ID  | Segment | Level | Position | Ref Desc | Name   | Description  | Code                        | Data Type       | Request     | Response             | Comments  |
| 79     | Reference Identification (ISO Location Based Marginal Pricing Zones)                         | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier           | Code indicating the ISO LBMP zone for the customer.  | SPL                         | ID(2/3)         | Conditional | Not used             | ELECTRIC ONLY. Sent by the Utility to report a change in the customer's LBMP zone.  |
| 80     | Reference Identification (ISO Location Based Marginal Pricing Zones)                         | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification                     | Code indicating the ISO LBMP zone in which the customer resides.   | refer to codes listed in IG | AN(1/30)        | Required    | Not used             | When a REF*SPL segment is sent, this element is required.   |
| 81     | Reference Identification (Portion Taxed Residential)   | LIN Loop | REF     | DTL   | 030      | 01       | Reference Identification Qualifier           | Code indicating the data in REF 02 describes the percent of a non-residential account that is taxed at a residential rate.       | RP                          | ID(2/3)         | Conditional | Not used             | <del>This</del> Where a utility that elects the practice in its Utility Maintained EDI Guide, this segment must be sent to National Grid and/or O&R the utility when the bill option is Utility Rate Ready consolidated billing and there has been a change in the portion of the non-residential account that is taxed at a residential rate (see also lines 99-102100-103).   |
| 82     | Reference Identification (Portion Taxed Residential)   | LIN Loop | REF     | DTL   | 030      | 02       | Reference Identification                     |  | refer to codes listed in IG | AN(1/30)        | Required    | Not used             | When a REF*RP is being sent, this element is required.  |
| 8386   | Date/Time Reference (Effective Date of Change) Identification (Account Settlement Indicator) | LIN Loop | DTMREF  | DTL   | 040030   | 01       | Date/Time Reference Identification Qualifier | Code indicating segment that REF02 contains effective date of change the Account Settlement Indicator for the account requested. | 007TDT                      | ID(32/3)        | Conditional | Conditional Not used | Required on all Utility-initiated requests (except for changes to Assigned Service Start or Assigned Service End Date). Required on the Utility Response to an E/M request for a change in a customer's billing option. Required on requests from Single Retailer marketers when an address change is being reported. This segment should also be sent on E/M Request transactions when a change in E/M Commodity Price, Fixed Charge or Rate Code is being requested AND the Utility has agreed to process rate or price changes on a date other than the regularly scheduled bill cycle date. ELECTRIC ONLY. Sent by the Utility to report a change in the customer's Account Settlement. |
| 8487   | Date/Time Reference  | LIN Loop | DTMREF  | DTL   | 040030   | 02       | Date Reference Identification                | -Code indicating how the usage is settled  | GCYYMMDD-C=Class            | DT(8/8AN(1/30)) | Required    | Required Not used    | When a DTM*007 segment REF*TDT is being sent, this  |

|      |  |          |        |     |        |      |  |  |  |                 |                      |          |   |
|------|--|----------|--------|-----|--------|------|--|--|--|-----------------|----------------------|----------|---|
|      | (Effective Date of Change/Identification (Account Settlement Indicator))                   |          |        |     |        |      |  | with NYISO for the account requested.  | Shape<br>H=Hourly<br>M=Mixed   |                 |                      |          | element is required.  |
| 88   | Reference Identification (NYPA Discount Indicator)   | LIN Loop | REF    | DTL | 030    | 01   | Reference Identification Qualifier           | Code indicating that REF02 contains the NYPA Discount Indicator for the account requested.   | YP   | ID(2/3)         | Conditional          | Not used | ELECTRIC ONLY. Sent by the Utility to report a change in the customer's NYPA Discount program status.   |
| 8589 | Date/Time Reference (Assigned Service Start Date/Identification (NYPA Discount Indicator)) | LIN Loop | DTMREF | DTL | 040030 | 0402 | Date/Time Qualifier/Reference Identification | Code indicating this segment contains whether the assigned service start date/account requested participates in the NYPA Discount Program. | 150N=No, the customer does not participate in the program<br>Y=Yes, the customer does participate in the program | ID(3/3)AN(1/30) | Conditional Required | Not used | This segment is used by the Utility to report a change in the effective date of the customer's enrollment and will only be sent during the period an enrollment is pending for the customer. When REF*YP is being sent, this element is required. |

| Row No | NY DD Field Name  | Loop ID  | Segment | Level | Position | Ref Desc | Name  | Description  | Code   | Data Type       | Request              | Response         | Comments   |
|--------|---|----------|---------|-------|----------|----------|---|--|--|-----------------|----------------------|------------------|--|
| 8690   | Date/Time Reference (Assigned Service Start Date) Identification (Utility Discount Indicator)     | LIN Loop | DTMREF  | DTL   | 040030   | 0201     | DateReference Identification Qualifier        | -Code indicating that REF02 contains the Utility Discount Indicator for the account requested.   | CCYYMMDDSG   | DT(8/8)D(2/3)   | RequiredConditional  | Not used         | When a DTM*150 segment is being sent, this element is required. Sent by the Utility to report a change in the customer's Utility Discount status.  |
| 8791   | Date/Time Reference (Assigned Service End Date) Identification (Utility Discount Indicator)       | LIN Loop | DTMREF  | DTL   | 040030   | 0402     | Date/Time QualifierReference Identification   | Code indicating segment contains whether the assigned service end date account requested receives a Discount or Incentive Rate from the Utility.             | 151N=No, there are no Utility Discounts/Incentive Rates Y=Yes, there are Utility Discounts/Incentive Rates program | ID(3/3)AN(1/30) | Conditional Required | Not used         | This segment is sent by the Utility to report a change in the service end date when a drop is pending for the customer. It is required when the service end date varies from the estimated end date provided in the Drop transaction by more than three days. When REF*SG is being sent, this element is required.   |
| 8892   | Date/Time Reference (Assigned Service End Date) Identification (Industrial Classification Code)   | LIN Loop | DTMREF  | DTL   | 040030   | 0201     | DateReference Identification Qualifier        | -Code indicating that REF02 contains the Industrial Classification Code for the account.   | CCYYMMDDJ  | DT(8/8)D(2/3)   | RequiredConditional  | Not used         | When a DTM*151 segment is being sent, this element is required. Sent by the Utility to report a change in the customer's SIC or NAISC Code.  |
| 8993   | Reference Identification (Industrial Classification Code) Monetary Amount (Tax Exemption Percent) | LIN Loop | AMTREF  | DTL   | 060030   | 0402     | Amount QualifierReference Identification      | Code indicating some or all of the E/M service is exempt from state sales tax. The Industrial Classification Code for the account.                           | DP   | IDAN(1/330)     | Conditional Required | Not used         | This segment pertains to a change in the state sales taxes applicable to the E/Ms service on the account. This segment should be sent by the E/M when there is a change in the tax exemption status of the account and the Utility is the bill calculator. This segment is not used in the Single Retailer Model. When REF*IJ is being sent, this element is required. |
| 9094   | Reference Identification (Industrial Classification Code) Monetary Amount (Tax Exemption Percent) | LIN Loop | AMTREF  | DTL   | 060030   | 0203     | Monetary AmountDescription                    | "1" = 100 percent (fully tax exempt); decimal numbers less than "1" represent percentages. Code indicating whether REF02 contains the SIC or the NAISC Code. | NAISC=REF02 contains NAISC Code SIC=REF02 contains SIC Code 0.0000   | RAN(1/1880)     | Required             | Not used         | When an AMT*DP segment REF*IJ is being sent, this element is required. A "1" indicates the E/M service on the account is fully tax exempt from state sales taxes. A "0" indicates the account is NOT exempt from state sales taxes.  |
| 9195   | Monetary Amount (E/M Budget Plan Installment Amount) Reference Identification (Utility Tax)       | LIN Loop | AMTREF  | DTL   | 060030   | 01       | AmountReference Identification Qualifier Code | Code indicating that AMT02REF02 contains the installment amount that should appear on the customer's consolidated bill. Utility Tax Exempt Status for        | B5TX   | ID(12/3)        | Conditional          | OptionalNot used | NFG Only. This segment is sent in E/M Request transactions to change the monthly budget installment amount the customer is expected to pay under E/M negotiated budget plans. Sent by the Utility to report a change in the customer's Tax Exempt Status.  |

|      |   |          |        |     |        |    |  |   |  |             |          |                   |  |
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|      | <u>Exempt Status</u>  |          |        |     |        |    |  | a budget plan negotiated with the E/M, the account requested.   |  |             |          |                   | <del>is only applicable when the bill option is rate ready consolidated billing and the payment option is Pay As You Got Paid.</del> |
| 9296 | Monetary Amount (E/M Budget Plan Installment Amount) Reference Identification (Utility Tax Exempt Status) | LIN Loop | AMTREF | DTL | 060030 | 02 | Monetary Amount Reference Identification | Budget Plan Installment Amount Code indicating the Utility's Tax Exempt Status at the time the transaction was created for the account requested. | Whole numbers of the form xxx or xx (e.g. 400 or 75) N=No Exemption, the customer is fully taxed for distribution charges. Y=Yes, the customer has some level of tax exemption for distribution charges. | RAN(1/4830) | Required | Required Not used | When a AMT*B5 segment REF*TX is being sent, this element is required.  |

| Row No | NY DD Field Name  | Loop ID  | Segment | Level | Position | Ref Desc | Name                           | Description  | Code          | Data Type      | Request     | Response            | Comments  |
|--------|---|----------|---------|-------|----------|----------|--------------------------------|--|---------------|----------------|-------------|---------------------|---|
| 9397   | Monetary Amount (E/M Commodity Price)Date/Time Reference (Effective Date of Change) | LIN Loop | AMTDTM  | DTL   | 060040   | 01       | AmountDate/Time Qualifier Code | Code indicating that segment contains the E/M-commodity-price effective date of change                 | RJ007         | ID(4/3)        | Conditional | OptionalConditional | This segment is sent by an E/M to report a change in its commodity price when the bill option is Required on all Utility Rate-Ready consolidated billing. The price change may be echoed backinitiated requests (except for changes to Assigned Service Start or Assigned Service End Date). Required on the Utility Response transaction, at the option of the Utility, to confirm price changes. This segment may be accompanied by a DTM*007 segment to communicate the effective date of the to an ESCO request for a change in a customer's billing option. Required on requests from Single Retailer marketers when an address change is being reported. This segment should also be sent on ESCO Request transactions when a change in ESCO Commodity Price when Fixed Charge or Rate Code is being requested AND the applicable Utility has agreed to process such rate or price changes on a date other than the regularly scheduled bill cycle date. This segment is not used in the Single Retailer Model. |
| 9498   | Monetary Amount (E/M Commodity Price)Date/Time Reference (Effective Date of Change) | LIN Loop | AMTDTM  | DTL   | 060040   | 02       | Monetary AmountDate            | Dollar amount  | 0-00CCYYM MDD | R(4/48DT(8/8)) | Required    | OptionalRequired    | See Line 93—When a AMT*RJDTM*007 segment is being sent, this element is required.   |
| 9599   | Monetary Amount (E/M Fixed Charge)Date/Time Reference (Assigned Service Start Date) | LIN Loop | AMTDTM  | DTL   | 060040   | 01       | AmountDate/Time Qualifier Code | Code indicating thatthis segment contains the E/M fixed charge per account assigned service start date | FW150         | ID(4/3)        | Conditional | OptionalNot used    | This segment is sent by an E/M to report a change in its fixed-charge per account when the bill option is Utility Rate-Ready consolidated billing. This segment may be echoed back on the Utility Response transaction, at the option of the Utility, to confirm the change in the amount of the fixed-charge on the account. This segment may be accompanied by a DTM*007 segment to communicate the effective date of the change in Fixed Charge when the applicable  |

|        |   |          |         |       |          |          |                                 |  |                |               |             |                   | Utility has agreed to process such changes on a date other than the regularly scheduled bill cycle date. This segment is not used in the Single Retailer Model. This segment is used by the Utility to report a change in the effective date of the customer's enrollment and will only be sent during the period an enrollment is pending for the customer.   |
|--------|---|----------|---------|-------|----------|----------|---------------------------------|--|----------------|---------------|-------------|-------------------|--|
| 96     | Monetary Amount (E/M Fixed Charge)  | LIN Loop | AMT     | DTL   | 060      | 02       | Monetary Amount                 | Dollar amount  | 0.00           | R(1/18)       | Required    | Optional          | See Line 95. When a AMT*FW is being sent, this element is required.  |
| 97     | Monetary Amount (Electric Capacity Assignment)  | LIN Loop | AMT     | DTL   | 060      | 01       | Amount Qualifier Code           | Code indicating that segment contains the customers peak load contribution   | KZ             | ID(1/3)       | Conditional | Not used          | ELECTRIC ONLY. This segment will be sent by O&R to report a change in the customer's peak load contribution.   |
| 98     | Monetary Amount (Electric Capacity Assignment)  | LIN Loop | AMT     | DTL   | 060      | 02       | Monetary Amount                 | "1" = 100 percent; decimal numbers less than "1" represent percentages.  | 0.0000         | R(1/18)       | Required    | Not used          | ELECTRIC ONLY. See Line 97. When an AMT*KZ segment is being sent, this element is required.  |
| Row No | NY_DD Field Name  | Loop ID  | Segment | Level | Position | Ref Desc | Name                            | Description  | Code           | Data Type     | Request     | Response          | Comments   |
| 99     | Monetary Amount (Customers Tax Rate for E/M Charges -1)   | LIN Loop | AMT     | DTL   | 060      | 01       | Amount Qualifier Code           | Code indicating that AMT02 contains the tax rate that should be used by the utility to calculate tax amounts applicable to E/Ms charges either for all service on the account OR for the portion of the service that is taxed at a residential rate. | 9M             | ID(1/3)       | Conditional | Optional          | Utility Rate Ready billing only. This segment is sent by an E/M to report a change in the customers tax rate for all service on the account OR for the portion taxed at a residential rate when the applicable utility requires the E/M to provide tax data via EDI. When portions of the customer's service are taxed at different rates (i.e. a REF*RP was sent in the Enrollment request), then it may be necessary to send both an AMT*9M and an AMT*9N (see below). This segment may be echoed back in the response transaction at the option of the utility. |
| 100    | Monetary Amount (Customers Tax Rate for E/M Charges -1) Date/Time Reference (Assigned Service Start Date) | LIN Loop | AMTDTM  | DTL   | 060040   | 02       | Monetary Amount Date            | Decimal numbers less than "1" _  | 0.0000CCYYMMDD | R(1/18DT(8/8) | Required    | Required Not used | When an AMT*9Ma DTM*150 segment is being sent, this element is required. Since tax rate information is being sent, the AMT02 should <1.  |
| 101    | Monetary Amount (Customers Tax Rate for   | LIN Loop | AMTDTM  | DTL   | 060040   | 01       | Amount Date/Time Qualifier Code | Code indicating that AMT02 segment contains the tax rate that should be used   | 9N151          | ID(13/3)      | Conditional | Optional Not used | Utility Rate Ready billing only. This segment is sent by an E/M the Utility to report a change in the customers tax rate for the portion of  |

|     |   |             |            |     |        |    |                           |  |                                   |                  |                 |                     |  |
|-----|---|-------------|------------|-----|--------|----|---------------------------|--|-----------------------------------|------------------|-----------------|---------------------|--|
|     | E/M Charges<br>-2)Date/Time<br>Reference<br>(Assigned<br>Service End<br>Date)   |             |            |     |        |    |                           | by the utility to<br>calculate tax amounts<br>applicable to E/MS<br>charges for the portion<br>of the assigned service<br>that is taxed at a<br>commercial rate. end<br>date |                                   |                  |                 |                     | service taxed at a commercial<br>rate end date when the applicable<br>utility requires the E/M to provide<br>tax data via EDI. This segment a<br>drop is only applicable pending for<br>the customer. It is required when a<br>REF*RP was sent the service end<br>date varies from the estimated end<br>date provided in the Enrollment<br>request or split tax status was<br>communicated in a prior change<br>request. This segment may be<br>echoed back in the response Drop<br>transaction at the option of the<br>utility by more than three days. |
| 102 | Monetary<br>Amount<br>(Customers<br>Tax Rate for<br>E/M Charges<br>-2)Date/Time<br>Reference<br>(Assigned<br>Service End<br>Date) | LIN<br>Loop | AMTDT<br>M | DTL | 060040 | 02 | Monetary<br>Amount Date   | Decimal numbers less<br>than "4"._   | 0.0000CCYY<br>MMDD                | R(1/18DT<br>8/8) | Required        | Required<br>or used | When an AMT*09Na DTM*151<br>segment is being sent, this element<br>is required. Since tax rate<br>information is being sent, the<br>AMT02 should be <1.  |
| 103 | Metered or<br>Unmetered<br>Service<br>points  | NM1<br>Loop | NM1        | DTL | 080    | 01 | Entity Identifier<br>Code | Codes used to<br>describe an activity or<br>a change in data<br>associated with<br>metered and/or<br>unmetered service<br>end points.  | valid codes:<br>MA, MQ, MR,<br>MX | ID(2/3)          | Condition<br>al | Optional            | An NM1 loop is used to report<br>activity or changes in data<br>associated with individual metered<br>or unmetered service end points on<br>an account and/or alternatively a<br>change which pertains to all service<br>end points on an account. This<br>would include changes in the E/M<br>rate code for the account indicated<br>in the Request transaction. Valid<br>values for the Utility are: MA, MQ,<br>MR and MX. The "MQ" code is the<br>only valid value for an E/M Request.  |

| Row No | NY DD Field Name   | Loop ID     | Segment | Level | Position | Ref Desc | Name   | Description   | Code                                      | Data Type   | Request     | Response             | Comments   |
|--------|--|-------------|---------|-------|----------|----------|--|---|---|-------------|-------------|----------------------|--|
| 104    | Metered or UnMetered Service points  | NM1 Loop    | NM1     | DTL   | 080      | 02       | Entity Type Qualifier                          | Required by X12   | 3   | ID(1/1)     | Required    | Required             | See Line 103. When an NM1 segment is sent, this element is required.   |
| 105    | Metered or UnMetered Service points  | NM1 Loop    | NM1     | DTL   | 080      | 08       | Identification Code Qualifier                  | Code 32 used to indicate that NM109 contains a meter number; Code 93 is used to indicate that NM109 is a literal.   | 32 or 93                                  | ID(1/2)     | Required    | Required             | See Line 103. When an NM1 segment is sent, this element is required.   |
| 106    | Metered or UnMetered Service points  | NM1 Loop    | NM1     | DTL   | 080      | 09       | Identification Code                            | -   | meter number or text 'ALL' or 'UNMETERED' | AN(2/80)    | Required    | Required             | See Line 103. When an NM1 segment is sent, this element is required.   |
| 107103 | Monetary Amount (Tax Exemption Percent) Reference Identification (Reason for Change - Meter Level) | NM1LIN Loop | REFAMT  | DTL   | 130060   | 01       | Reference Identification Amount Qualifier Code | Code which describes the change identified in the NM1 loop. Code indicating some or all of the ESCO service is exempt from state sales tax.   | TDDP                                      | ID(21/3)    | Conditional | Optional or not used | The REF*TD at position 130 is used to identify which data segment(s) are being changed at the detail (or meter) level (see notes on lines 45-46). A transaction may contain more than one REF*TD segment at this level. The REF*TD segments may be echoed back on Response transactions at the option of the sender. This segment pertains to a change in the state sales taxes applicable to the ESCOs service on the account. This segment should be sent by the ESCO when there is a change in the tax exemption status of the account and the Utility is the bill calculator. This segment is not used in the Single Retailer Model. |
| 108104 | Monetary Amount (Tax Exemption Percent) Reference Identification (Reason for Change - Meter Level) | NM1LIN Loop | REFAMT  | DTL   | 130060   | 02       | Reference Identification Monetary Amount       | Code identifying the type of segment and segment qualifier for the data that has, or will be, changed. "1" = 100 percent (fully tax exempt); decimal numbers less than "1" represent percentages. | 0.0000 see list of codes in IG            | ANR(1/3018) | Required    | Required or not used | See Lines 45 and 107. When a REF*TDan AMT*DP segment is being sent at position 130, this element is required. A "1" indicates the ESCO service on the account is fully tax exempt from state sales taxes. A "0" indicates the account is NOT exempt from state sales taxes.  |
| 109    | Reference Identification (Old Meter Number)  | NM1 Loop    | REF     | DTL   | 130      | 01       | Reference Identification Qualifier             | Code indicating old Meter Number is being communicated  | 46  | ID(2/3)     | Conditional | Not used             | This segment is used to report the old meter number when one meter is being exchanged for another. The new meter number is sent in element NM109.  |
| 110    | Reference Identification (Old Meter Number)  | NM1 Loop    | REF     | DTL   | 130      | 02       | Reference Identification                       | old Meter Number  | old Meter Number                          | AN(1/30)    | Required    | Not used             | When a REF*46 is being sent, this element is required to report the OLD meter number.  |
| 111    | Reference  | NM1         | REF     | DTL   | 130      | 01       | Reference                                      | Code indicating   | NH  | ID(2/3)     | Conditional | Not used             | This segment is sent by the Utility  |

|           | Identification<br>(Utility-Rate<br>Service<br>Class)  | Loop             |         |       |          |             | Identification<br>Qualifier                                 | REF02 contains the<br>utility-rate class   |  |                   | at                      |                     | when there has been a change in the<br>customer's Utility-rate-service<br>class.   |
|-----------|---|------------------|---------|-------|----------|-------------|---|--|--|-------------------|-------------------------|---------------------|--|
| 112       | Reference<br>Identification<br>(Utility-Rate<br>Service<br>Class)   | NM1<br>Loop      | REF     | DTL   | 130      | 02          | Reference<br>Identification                                 | Utility-rate-service<br>class  | Text   | AN(1/30)          | Required                | Not-used            | When a REF* <u>NH</u> is sent, this<br>element is required. The data sent in<br>REF02 may be used to retrieve rate<br>information from a utility's web site.   |
| 113<br>05 | Reference<br>Identification<br>(Utility-Rate<br>Sub<br>Class)Moneta<br>ry Amount<br>(ESCO<br>Budget Plan<br>Installment<br>Amount)                      | NM1<br>N<br>Loop | REFAMT  | DTL   | 130060   | 01          | Reference<br>Identification<br>Qualifier<br>Code            | Code indicating REF<br>02that AMT02<br>contains the utility-rate<br>sub-classinstallment<br>amount that should<br>appear on the<br>customer's<br>consolidated bill for<br>the customer's budget<br>plan negotiated with<br>the ESCO. | PRB5   | ID(21/3)          | Conditional             | Not<br>usedOptional | Where a utility that elects the<br>practice in its Utility Maintained EDI<br>Guide, this segment is sent in<br>ESCO Request transactions to<br>change the monthly budget<br>installment amount the customer is<br>expected to pay under ESCO<br>negotiated budget plans. It is only<br>applicable when the bill option is<br>rate ready consolidated billing and<br>the payment option is Pay-As-You-<br>Get-Paid. This data segment will<br>be sent by the Utility to<br>communicate a change in the<br>customer's Utility-rate sub-class.  |
| Row<br>No | NY-DD-Field<br>Name   | Loop<br>ID       | Segment | Level | Position | Ref<br>Desc | Name  | Description  | Code   | Data-Type         | Request                 | Response            | Comments   |
| 114       | Reference<br>Identification<br>(Utility-Rate<br>Sub-Class)  | NM1<br>Loop      | REF     | DTL   | 130      | 02          | Reference<br>Identification                                 | Utility-rate-sub-class   | Text   | AN(1/30)          | Required                | Not-used            | When a REF* <u>PR</u> is sent, this<br>element is required. The data sent in<br>REF02 may be used to retrieve rate<br>information from a utility's web site.   |
| 115       | Reference<br>Identification<br>(Utility-Load<br>Profile-Group<br>Code)  | NM1<br>Loop      | REF     | DTL   | 130      | 01          | Reference<br>Identification<br>Qualifier                    | Code indicating<br>theUtility-assigned<br>load-profile-code  | LO   | ID(2/3)           | Condition<br>al         | Not-used            | ELECTRIC ONLY. This segment<br>will be sent by the Utility to<br>communicate a change in the<br>customers-load-profile-code.   |
| 116       | Reference<br>Identification<br>(Utility-Load<br>Profile-Group<br>Code)  | NM1<br>Loop      | REF     | DTL   | 130      | 02          | Reference<br>Identification                                 | Utility-assigned-load<br>profile-code  | Utility<br>assigned-load<br>profile-code                           | AN(1/30)          | Required                | Not-used            | When a REF* <u>LO</u> is being sent, this<br>element is required.  |
| 117<br>06 | Reference<br>Identification<br>(Measuremen<br>t-Type-and<br>Reporting<br>Interval)Mone<br>tary Amount<br>(ESCO<br>Budget Plan<br>Installment<br>Amount) | NM1<br>N<br>Loop | REFAMT  | DTL   | 130060   | 0102        | Reference<br>Identification<br>QualifierMonet<br>ary Amount | Code indicating that<br>this segment will<br>contain the type-of<br>consumption<br>measured by the<br>meter and the interval<br>between<br>measurements.<br>Budget Plan<br>Installment Amount  | MTWhole<br>numbers of<br>the form xxx<br>or xx (e.g.<br>100 or 75) | ID(2/3R(1/1<br>8) | Conditional<br>Required | Not<br>usedRequired | This segment will be sent by the<br>Utility to describe the measurement<br>types and reporting intervals for the<br>service-delivery point(s) identified<br>in the NM109 element when (1)<br>one meter has been exchanged for<br>another and the measurement<br>types and/or reporting intervals for<br>the new meter are different than<br>the measurement types and/or<br>reporting intervals associated with<br>the old meter; (2) a meter has<br>been added; or (3) there are<br>changes or corrections to the<br>measurement types and/or<br>reporting intervals for an existing<br>meter. When an AMT*B5 segment |

|        |   |            |        |     |        |    |  |   |                      |          |             |                   |   |
|--------|---|------------|--------|-----|--------|----|--|---|----------------------|----------|-------------|-------------------|---|
| 118    | Reference Identification (Measurement Type and Reporting Interval)                | NM1 Loop   | REF    | DTL | 130    | 02 | Reference Identification                       |   | refer to codes in IG | AN(1/30) | Required    | Not used          | is sent this element is required. When a REF*MT segment is sent, this element is required.  |
| 119107 | Reference Identification (Use Time of Day) Monetary Amount (ESCO Commodity Price) | NM1LN Loop | REF*MT | DTL | 130060 | 01 | Reference Identification Amount Qualifier Code | Code indicating that this segment contains data on the time of day classification for which measurements are obtained. ESCO commodity price | TURJ                 | ID(21/3) | Conditional | Not used Optional | ELECTRIC ONLY.—This segment is sent when there is a change in the manner usage will be measured on an account due to a meter addition or a meter exchange or a correction in previously reported data AND the “COMBO” code was sent in the REF*MT segment OR usage is measured in time intervals.—This segment is sent by an ESCO to report a change in its commodity price when the bill option is Utility Rate Ready consolidated billing. The price change may be echoed back on the Utility Response transaction, at the option of the Utility, to confirm price changes. This segment may be accompanied by a DTM*007 segment to communicate the effective date of the change in Commodity Price when the applicable Utility has agreed to process such changes on a date other than the regularly scheduled bill cycle date. This segment is not used in the Single Retailer Model. |
| 120    | Reference Identification (Use Time of Day)  | NM1 Loop   | REF    | DTL | 130    | 02 | Reference Identification Qualifier             | Codes indicating time of day classification   | 41, 42, 43, or 51    | AN(1/30) | Required    | Not used          | When a REF*TU segment is being sent, this element is required.  |

| Row No | NY DD Field Name                       | Loop ID  | Segment | Level | Position | Ref Desc | Name                                 | Description  | Code   | Data Type | Request     | Response | Comments  |
|--------|--|----------|---------|-------|----------|----------|--------------------------------------|--|--|-----------|-------------|----------|---|
| 108    | Monetary Amount (ESCO Commodity Price) | LIN Loop | AMT     | DTL   | 060      | 02       | Monetary Amount                      | Dollar amount  | 0.00   | R(1/18)   | Required    | Optional | See Line 107. When a AMT*RJ is being sent, this element is required.  |
| 109    | Monetary Amount (ESCO Fixed Charge)    | LIN Loop | AMT     | DTL   | 060      | 01       | Amount Qualifier Code                | Code indicating that segment contains the ESCO fixed charge per account  | FW   | ID(1/3)   | Conditional | Optional | This segment is sent by an ESCO to report a change in its fixed charge per account when the bill option is Utility Rate Ready consolidated billing. This segment may be echoed back on the Utility Response transaction, at the option of the Utility, to confirm the change in the amount of the fixed charge on the account. This segment may be accompanied by a DTM*007 segment to communicate the effective date of the change in Fixed Charge when the applicable Utility has agreed to process such changes on a date other than the regularly scheduled bill cycle date. This segment is not used in the Single Retailer Model. |
| 110    | Monetary Amount (ESCO Fixed Charge)    | LIN Loop | AMT     | DTL   | 060      | 02       | Monetary Amount                      | Dollar amount  | 0.00   | R(1/18)   | Required    | Optional | See Line 95. When a AMT*FW is being sent, this element is required.   |
| 111    | Monetary Amount (ICAP)                 | LIN Loop | AMT     | DTL   | 060      | 01       | Amount Qualifier Code                | Code indicating that segment contains the customer's ICAP tag.           | KZ   | ID(1/3)   | Conditional | Not used | ELECTRIC ONLY. This segment will be sent to report a change in the customer's ICAP Tag.   |
| 112    | Monetary Amount (ICAP)                 | LIN Loop | AMT     | DTL   | 060      | 02       | Monetary Amount                      | "1" = 100 percent; decimal numbers less than "1" represent percentages.  | 0.0000   | R(1/18)   | Required    | Not used | ELECTRIC ONLY. See Line 111. When an AMT*KZ segment is being sent, this element is required.  |
| 113    | Monetary Amount (ICAP)                 | LIN Loop | AMT     | DTL   | 060      | 03       | Special Program Adjustment Indicator | Code indicating if the ICAP tag has been adjusted for a Special Program. | D=No, there is no Special Program Adjustment Indicator related to the ICAP Tag.<br>C=Yes, there is a Special Program Adjustment Indicator related to the ICAP Tag. | ID(1/1)   | Optional    | Not used | A general indicator not tied to any specific program.   |

| Row No | NY DD Field Name  | Loop ID  | Segment | Level | Position | Ref Desc | Name                  | Description   | Code   | Data Type | Request     | Response | Comments  |
|--------|---|----------|---------|-------|----------|----------|-----------------------|---|--------|-----------|-------------|----------|---|
| 114    | Monetary Amount (Customers Tax Rate for ESCO Charges - 1) | LIN Loop | AMT     | DTL   | 060      | 01       | Amount Qualifier Code | Code indicating that AMT02 contains the tax rate that should be used by the utility to calculate tax amounts applicable to ESCOs charges either for all service on the account OR for the portion of the service that is taxed at a residential rate. | 9M     | ID(1/3)   | Conditional | Optional | Utility Rate Ready billing only. This segment is sent by an ESCO to report a change in the customer's tax rate for all service on the account OR for the portion taxed at a residential rate when the applicable utility requires the ESCO to provide tax data via EDI. When portions of the customer's service are taxed at different rates (i.e. a REF*RP was sent in the Enrollment request), then it may be necessary to send both an AMT*9M and an AMT*9N (see below). This segment may be echoed back in the response transaction at the option of the utility. |
| 115    | Monetary Amount (Customers Tax Rate for ESCO Charges - 1) | LIN Loop | AMT     | DTL   | 060      | 02       | Monetary Amount       | Decimal numbers less than "1".  | 0.0000 | R(1/18)   | Required    | Required | When an AMT*9M segment is sent, this element is required. Since tax rate information is being sent, the AMT02 should <1.  |
| 116    | Monetary Amount (Customers Tax Rate for ESCO Charges - 2) | LIN Loop | AMT     | DTL   | 060      | 01       | Amount Qualifier Code | Code indicating that AMT02 contains the tax rate that should be used by the utility to calculate tax amounts applicable to ESCOs charges for the portion of the service that is taxed at a commercial rate.   | 9N     | ID(1/3)   | Conditional | Optional | Utility Rate Ready billing only. This segment is sent by an ESCO to report a change in the customer's tax rate for the portion of service taxed at a commercial rate when the applicable utility requires the ESCO to provide tax data via EDI. This segment is only applicable when a REF*RP was sent in the Enrollment request or split tax status was communicated in a prior change request. This segment may be echoed back in the response transaction at the option of the utility.  |
| 117    | Monetary Amount (Customers Tax Rate for ESCO Charges - 2) | LIN Loop | AMT     | DTL   | 060      | 02       | Monetary Amount       | Decimal numbers less than "1".  | 0.0000 | R(1/18)   | Required    | Required | When an AMT*9N segment is sent, this element is required. Since tax rate information is being sent, the AMT02 should be <1.   |

| Row No | NY DD Field Name  | Loop ID  | Segment | Level | Position | Ref Desc | Name                               | Description   | Code  | Data Type | Request              | Response             | Comments   |
|--------|---|----------|---------|-------|----------|----------|------------------------------------|---|---|-----------|----------------------|----------------------|--|
| 121    | Metered or UnMetered Service points<br>Reference Identification (Use Time-of Day) | NM1 Loop | REFNM1  | DTL   | 130      | 01       | Entity Identifier Code             | Codes used to describe the measurement type and activity or a change in data associated with metered and interval between measurements or unmetered service end points. | valid codes: MA, MQ, MR, MX<br>Type: K1, K2, K3, K4, K5, or KH<br>Interval: BIM, DAY, MON, QTR, or TOU, or 001-999 for minutes. | ID(2/3)   | Required Conditional | Not usedOptional     | When a REF*TD segment is being sent, this element is required. An NM1 loop is used to report activity or changes in data associated with individual metered or unmetered service end points on an account and/or alternatively a change which pertains to all service end points on an account. This would include changes in the ESCO rate code for the account indicated in the Request transaction. Valid values for the Utility are: MA, MQ, MR and MX. The "MQ" code is the only valid value for an ESCO Request.   |
| 119    | Metered or UnMetered Service points   | NM1 Loop | NM1     | DTL   | 080      | 02       | Entity Type Qualifier              | Required by X12   | 3   | ID(1/1)   | Required             | Required             | See Line 118. When an NM1 segment is sent, this element is required.   |
| 120    | Metered or UnMetered Service points   | NM1 Loop | NM1     | DTL   | 080      | 08       | Identification Code Qualifier      | Code 32 used to indicate that NM109 contains a meter number, Code 93 is used to indicate that NM109 is a literal.   | 32 or 93  | ID(1/2)   | Required             | Required             | See Line 118. When an NM1 segment is sent, this element is required.   |
| 121    | Metered or UnMetered Service points   | NM1 Loop | NM1     | DTL   | 080      | 09       | Identification Code                | -   | meter number or text 'ALL' or 'UNMETERED'   | AN(2/80)  | Required             | Required             | See Line 118. When an NM1 segment is sent, this element is required.   |
| 122    | Reference Identification (E/M Rate Code Reason for Change - Meter Level)          | NM1 Loop | REF     | DTL   | 130      | 01       | Reference Identification Qualifier | Code indicating REF02 contains the E/M rate code for a meter, all meters or all unmetered service. Code which describes the change identified in the NM1 loop.          | RBTD  | ID(2/3)   | Conditional          | Conditional Optional | This segment will be sent by the E/M to report a change in rate code for the customer (only applicable to Utility Rate Ready consolidated billing situations). This segment may be accompanied by a DTMD007 segment to communicate the effective date of the change in Rate Code when the applicable Utility has agreed to process such changes on a date other than the regularly scheduled bill cycle date. Rate code changes on ESCO Referral Program accounts may be echoed back in the Response transaction. The REF*TD at position 130 is used to identify which data segment(s) are being changed at the detail (or meter) level (see notes on lines 45-46). A transaction may contain more than one REF*TD segment at this level. The REF*TD segments may be echoed back on Response transactions at the option of the sender. |

|     |   |               |       |         |        |    |   |   |                             |                |                      |                   |   |
|-----|---|---------------|-------|---------|--------|----|---|---|-----------------------------|----------------|----------------------|-------------------|---|
| 123 | Reference Identification (E/M-Rate CodeReason for Change - Meter Level) | NM1 Loop      | REF   | DTL     | 130    | 02 | Reference Identification Qualifier                            | E/M-Rate CodeCode identifying the type of segment and segment qualifier for the data that has, or will be, changed. | textsee list of codes in IG | AN(1/30)       | Required             | Required          | See Lines 45 and 122. When a REF* <del>RTD</del> segment is being sent at position 130, this element is required.   |
| 124 | Reference Identification (Old Meter Number)Transaction Set Trailer      | None NM1 Loop | SEREF | TLRD TL | 450130 | 01 | Number of Included SegmentsReference Identification Qualifier | Number of segments in this transaction-Code indicating old Meter Number is being communicated                       | #46                         | NO 4/10ID(2/3) | Required Conditional | RequiredN ot used | Required in all transactions: This segment is used to report the old meter number when one meter is being exchanged for another. The new meter number is sent in element NM109. |
| 125 | Reference Identification (Old Meter Number)Transaction Set Trailer      | None NM1 Loop | SEREF | TLRD TL | 450130 | 02 | Transaction Set Control NumberReference Identification        | -old Meter Number   | ST02old Meter Number        | AN(4/91/30 )   | Required             | RequiredN ot used | Required in all transactions: When a REF*46 is being sent, this element is required to report the OLD meter number.   |

| Row No | NY DD Field Name   | Loop ID  | Segment | Level | Position | Ref Desc | Name                               | Description   | Code                               | Data Type | Request     | Response | Comments  |
|--------|--|----------|---------|-------|----------|----------|------------------------------------|---|------------------------------------|-----------|-------------|----------|---|
| 126    | Reference Identification (Utility Rate Service Class)              | NM1 Loop | REF     | DTL   | 130      | 01       | Reference Identification Qualifier | Code indicating REF02 contains the utility rate class   | NH                                 | ID(2/3)   | Conditional | Not used | This segment is sent by the Utility when there has been a change in the customer's Utility rate service class.  |
| 127    | Reference Identification (Utility Rate Service Class)              | NM1 Loop | REF     | DTL   | 130      | 02       | Reference Identification           | Utility rate service class  | Text                               | AN(1/30)  | Required    | Not used | When a REF*NH is sent, this element is required. The data sent in REF02 may be used to retrieve rate information from a utility's web site.   |
| 128    | Reference Identification (Utility Rate Sub Class)                  | NM1 Loop | REF     | DTL   | 130      | 01       | Reference Identification Qualifier | Code indicating REF02 contains the utility rate sub-class for the customer  | PR                                 | ID(2/3)   | Conditional | Not used | This data segment will be sent by the Utility to communicate a change in the customer's Utility rate sub-class.   |
| 129    | Reference Identification (Utility Rate Sub Class)                  | NM1 Loop | REF     | DTL   | 130      | 02       | Reference Identification           | Utility rate sub-class  | Text                               | AN(1/30)  | Required    | Not used | When a REF*PR is sent, this element is required. The data sent in REF02 may be used to retrieve rate information from a utility's web site.   |
| 130    | Reference Identification (Utility Load Profile Group Code)         | NM1 Loop | REF     | DTL   | 130      | 01       | Reference Identification Qualifier | Code indicating the Utility assigned load profile code  | LO                                 | ID(2/3)   | Conditional | Not used | ELECTRIC ONLY. This segment will be sent by the Utility to communicate a change in the customers load profile code.   |
| 131    | Reference Identification (Utility Load Profile Group Code)         | NM1 Loop | REF     | DTL   | 130      | 02       | Reference Identification           | Utility assigned load profile code  | Utility assigned load profile code | AN(1/30)  | Required    | Not used | When a REF*LO is being sent, this element is required.  |
| 132    | Reference Identification (Measurement Type and Reporting Interval) | NM1 Loop | REF     | DTL   | 130      | 01       | Reference Identification Qualifier | Code indicating that this segment will contain the type of consumption measured by the meter and the interval between measurements. | MT                                 | ID(2/3)   | Conditional | Not used | This segment will be sent by the Utility to describe the measurement types and reporting intervals for the service delivery point(s) identified in the NM109 element when (1) one meter has been exchanged for another and the measurement types and/or reporting intervals for the new meter are different than the measurement types and/or reporting intervals associated with the old meter; (2) a meter has been added; or (3) there are changes or corrections to the measurement types and/or reporting intervals for an existing meter. |
| 133    | Reference Identification (Measurement Type and Reporting Interval) | NM1 Loop | REF     | DTL   | 130      | 02       | Reference Identification           |   | refer to codes in IG               | AN(1/30)  | Required    | Not used | When a REF*MT segment is sent, this element is required.  |

| Row No | NY DD Field Name                           | Loop ID  | Segment | Level | Position | Ref Desc | Name                               | Description  | Code   | Data Type | Request     | Response    | Comments   |
|--------|--|----------|---------|-------|----------|----------|------------------------------------|--|--|-----------|-------------|-------------|--|
| 134    | Reference Identification (Use Time of Day) | NM1 Loop | REF     | DTL   | 130      | 01       | Reference Identification Qualifier | Code indicating that this segment contains data on the time of day classification for which measurements are obtained. | TU   | ID(2/3)   | Conditional | Not used    | ELECTRIC ONLY. This segment is sent when there is a change in the manner usage will be measured on an account due to a meter addition or a meter exchange or a correction in previously reported data AND the "COMBO" code was sent in the REF*MT segment OR usage is measured in time intervals.  |
| 135    | Reference Identification (Use Time of Day) | NM1 Loop | REF     | DTL   | 130      | 02       | Reference Identification Qualifier | Codes indicating time of day classification  | 41, 42, 43, or 51  | AN(1/30)  | Required    | Not used    | When a REF*TU segment is being sent, this element is required.   |
| 136    | Reference Identification (Use Time of Day) | NM1 Loop | REF     | DTL   | 130      | 03       | Description                        | Codes used to describe the measurement type and interval between measurements.   | Type: K1, K2, K3, K4, K5, or KH<br>Interval: BIM, DAY, MON, QTR, or TOU, or 001-999 for minutes. | -         | Required    | Not used    | When a REF*TU segment is being sent, this element is required.   |
| 137    | Reference Identification (ESCO Rate Code)  | NM1 Loop | REF     | DTL   | 130      | 01       | Reference Identification Qualifier | Code indicating REF02 contains the ESCO rate code for a meter, all meters or all unmetered service.                    | RB   | ID(2/3)   | Conditional | Conditional | This segment will be sent by the ESCO to report a change in rate code for the customer (only applicable to Utility Rate Ready consolidated billing situations). This segment may be accompanied by a DTM*007 segment to communicate the effective date of the change in Rate Code when the applicable Utility has agreed to process such changes on a date other than the regularly scheduled bill cycle date. |
| 138    | Reference Identification (ESCO Rate Code)  | NM1 Loop | REF     | DTL   | 130      | 02       | Reference Identification Qualifier | ESCO Rate Code   | text   | AN(1/30)  | Required    | Required    | When a REF*RB segment is being sent, this element is required.   |
| 139    | Transaction Set Trailer                    | None     | SE      | TLR   | 150      | 01       | Number of Included Segments        | Number of segments in this transaction.  | #  | NO 1/10   | Required    | Required    | Required in all transactions.  |
| 140    | Transaction Set Trailer                    | None     | SE      | TLR   | 150      | 02       | Transaction Set Control Number     | -  | ST02   | AN(4/9)   | Required    | Required    | Required in all transactions.  |