**Connecticut**

**Implementation**

**Guideline**

For

Electronic Data Interchange

**TRANSACTION SET**

**814**

**Move**

**Ver/Rel 004010**

|  |  |  |
| --- | --- | --- |
|  |  | Summary of Changes |
| April 3, 2020 |  | * Initial Release of 814 Move Implementation Guide
 |

|  |  |  |
| --- | --- | --- |
|  |  | General Notes |
| **Transaction Use** |  | The Move Request is sent by the Utility to the Supplier when a customer moves within the service territory and chooses to stay with their Supplier. No Response transaction allowed. |
| **Residential Customer & Residential Utility Consolidated Billing (UCB) Defined** |  | Throughout this document there are references to “Residential Customer” related to requirements for sending Supply Summary Information. In these cases, the intent is to identify requirements for customers who have signed a Residential Contract with the Supplier, who will send the Class of Contract/IRA Indicator as REF\*CE\*RES and whose Utility Rate Class is also Residential.Residential Utility Consolidated Billing (UCB) means an account that is on “Complete” (Rate Ready) Billing, has a Class of Contract/IRA Indicator of “RES” and has a Residential Utility Rate Class. |
| **Supply Summary Information** |  | The Supply Summary Information (Cancellation Fee, Next Cycle Rate, Rate Term, Rate Expiration Date and Fixed/Variable Indicator) will represent the information currently in the system that would print on the next bill. Any pending price changes are expected to be moved over to the new account but the information would not be sent in the Move transaction with the exception of the proper reflection of the Next Cycle Rate.For example, if a customer is enrolled effective January 15th and a price change is submitted April 12th to be effective May 15th:* If the Move occurs in February, all the original enrollment information would be included on the Move.
* If the Move occurs on May 1st, after the submission of the Price Change but before the Price Change becomes effective, the original enrollment information would be sent except the Next Cycle Rate would reflect the new rate that would be effective May 15th.
 |

**\*\*\* How to Read the Implementation Guide \*\*\***

 **Segment: N1 Name (Utility)**

This section is used to show the X12 Rules for this segment.

You must look at the gray boxes below for State Rules.

 **Position:** 080

 **Loop:** N1 Optional (Must Use)

 **Level:** Heading

 **Usage:** Optional (Must Use)

 **Max Use:** 1

 **Purpose:** To identify a party by type of organization, name, and code

 **Syntax Notes:** **1** At least one of N102 or N103 is required.

 **2** If either N103 or N104 is present, then the other is required.

 **Semantic Notes:**

 **Comments:** **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

 **2** N105 and N106 further define the type of entity in N101.

This section is used to show the individual State’s Rules for implementation of this segment as well as an example.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N1\*8S\*CONNECTICUT LIGHT & POWER\*1\*006917090N1\*8S\*UI\*1\*006917967 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | **M** |  | **ID 2/3** |
|  | Code identifying an organizational entity, a physical location, property or an individual |
|   | 8S |  | Consumer Service Provider (CSP) |
|  | Utility |
| **Must Use** | **N102** | **93** | **Name** | **X** |  | **AN 1/60** |
|  | Free-form name |
|  | Utility Name |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | **X** |  | **ID 1/2** |
|  | Code designating the system/method of code structure used for Identification Code (67) |
|   | 1 |  | D-U-N-S Number, Dun & Bradstreet |
| **Must Use** | **N104** | **67** | **Identification Code** | **X** |  | **AN 2/80** |
|  | Code identifying a party or other code |
|  | Utility DUNS Number |

This column shows the State’s requirements for each data element.

This column shows the X12 attributes for each data element. If different, the State rules will show in the gray boxes.

M = Mandatory, O= Optional, X = Conditional

AN = Alphanumeric, N# = Implied Decimal

ID = Identification, R = Real

1/30 = Minimum 1, Maximum 30

These are X12 code descriptions, which often do not relate to the information we are trying to send. Unfortunately, X12 cannot keep up with our code needs so we often change the meanings of existing codes. See gray box for the State definition.

**814 General Request, Response or Confirmation**

**Functional Group ID=GE**

**Introduction:**

This Draft Standard for Trial Use contains the format and establishes the data contents of the General Request, Response or Confirmation Transaction Set (814) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request actions to be performed, to respond to a request for actions to be performed or to confirm information related to actions performed.

**Heading:**

 **Pos. Seg. Req. Loop Notes and**

 **No. ID Name Des. Max.Use Repeat Comments**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| M | 010 | ST | Transaction Set Header | M | 1 |  |  |  |  |  |  |  |  |
| M | 020 | BGN | Beginning Segment | M | 1 |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - N1 |  |  | >1 |  |  |  |  |  |  |  |
|  | 040 | N1 | Name  | O | 1 |  |  |  |  |  |  |  |  |
|  | 060 | N3 | Address Information  | O | 2 |  |  |  |  |  |  |  |  |
|  | 070 | N4 | Geographic Location  | O | 1 |  |  |  |  |  |  |  |  |

**Detail:**

 **Pos. Seg. Req. Loop Notes and**

 **No. ID Name Des. Max.Use Repeat Comments**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID - LIN |  |  | >1 |  |  |  |  |  |  |  |
|  | 010 | LIN | Item Identification | O | 1 |  |  |  |  |  |  |  |  |
|  | 020 | ASI | Action or Status Indicator | O | 1 |  |  |  |  |  |  |  |  |
|  | 030 | REF | Reference Identification | O | >1 |  |  |  |  |  |  |  |  |
|  | 040 | DTM | Date/Time Reference | O | >1 |  |  |  |  |  |  |  |  |
|  | 060 | AMT | Monetary Amount  | O | >1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - NM1 |  |  | >1 |  |  |  |  |  |  |  |
|  | 080 | NM1 | Individual or Organizational Name | O | 1 |  | n2 |  |  |  |  |  |  |
|  | 130 | REF | Reference Identification  | O | >1 |  |  |  |  |  |  |  |  |
|  | 140 | DTM | Date/Time Reference  | O | >1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M | 150 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Notes**

**1.** The N1 loop is used to identify the transaction sender and receiver.

**2.** The NM1 loop is used to identify the parties associated with the individual line item (LIN), such as an individual consumer in a consolidated third party Consumer Service Provider transaction.

 **Segment: ST Transaction Set Header**

 **Position:** 010

 **Loop:**

 **Level:** Heading

 **Usage:** Mandatory

 **Max Use:** 1

 **Purpose:** To indicate the start of a transaction set and to assign a control number

 **Syntax Notes:**

 **Semantic Notes:** **1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | ST\*814\*0001 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **ST01** | **143** | **Transaction Set Identifier Code** | **M** |  | **ID 3/3** |
|  | Code uniquely identifying a Transaction Set |
|   | 814 |  | General Request, Response or Confirmation |
| **Must Use** | **ST02** | **329** | **Transaction Set Control Number** | **M** |  | **AN 4/9** |
|  | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set |
|  | Unique number generated by Sender's Translator |

 **Segment: BGN Beginning Segment**

 **Position:** 020

 **Loop:**

 **Level:** Heading

 **Usage:** Mandatory

 **Max Use:** 1

 **Purpose:** To indicate the beginning of a transaction set

 **Syntax Notes:** **1** If BGN05 is present, then BGN04 is required.

 **Semantic Notes:** **1** BGN02 is the transaction set reference number.

 **2** BGN03 is the transaction set date.

 **3** BGN04 is the transaction set time.

 **4** BGN05 is the transaction set time qualifier.

 **5** BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | BGN\*13\*2019.06.14.01.51.17.611000\*20190614 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **BGN01** | **353** | **Transaction Set Purpose Code** | **M** |  | **ID 2/2** |
|  | Code identifying purpose of transaction set |
|   | 11 |  | Response |
|   | 13 |  | Request |
| **Must Use** | **BGN02** | **127** | **Reference Identification** | **M** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time. |
| **Must Use** | **BGN03** | **373** | **Date** | **M** |  | **DT 8/8** |
|  | Date expressed as CCYYMMDD |
|  | The transaction creation date - the date that the data was processed by the sender's application system. |

 **Segment: N1 Name (Utility)**

 **Position:** 040

 **Loop:** N1 Optional

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To identify a party by type of organization, name, and code

 **Syntax Notes:** **1** At least one of N102 or N103 is required.

 **2** If either N103 or N104 is present, then the other is required.

 **Semantic Notes:**

 **Comments:** **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

 **2** N105 and N106 further define the type of entity in N101.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N1\*8S\*CONNECTICUT LIGHT & POWER\*1\*006917090N1\*8S\*UNITED ILLUMINATING COMPANY\*1\*006917967 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | **M** |  | **ID 2/3** |
|  | Code identifying an organizational entity, a physical location, property or an individual |
|   | 8S |  | Consumer Service Provider (CSP) |
|  | Utility |
| **Must Use** | **N102** | **93** | **Name** | **X** |  | **AN 1/60** |
|  | Free-form name |
|  | Utility Name |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | **X** |  | **ID 1/2** |
|  | Code designating the system/method of code structure used for Identification Code (67) |
|   | 1 |  | D-U-N-S Number, Dun & Bradstreet |
| **Must Use** | **N104** | **67** | **Identification Code** | **X** |  | **AN 2/80** |
|  | Code identifying a party or other code |
|   | 006917090 |  | Eversource |
|   | 006917967 |  | United Illuminating |

 **Segment: N1 Name (Supplier)**

 **Position:** 040

 **Loop:** N1 Optional

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To identify a party by type of organization, name, and code

 **Syntax Notes:** **1** At least one of N102 or N103 is required.

 **2** If either N103 or N104 is present, then the other is required.

 **Semantic Notes:**

 **Comments:** **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

 **2** N105 and N106 further define the type of entity in N101.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N1\*SJ\*ENERGY SUPPLIER\*1\*111111111N1\*SJ\*ENERGY SUPPLIER\*9\*111111111ABCD |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | **M** |  | **ID 2/3** |
|  | Code identifying an organizational entity, a physical location, property or an individual |
|   | SJ |  | Service Provider |
|  | Supplier |
| **Must Use** | **N102** | **93** | **Name** | **X** |  | **AN 1/60** |
|  | Free-form name |
|  | Supplier |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | **X** |  | **ID 1/2** |
|  | Code designating the system/method of code structure used for Identification Code (67) |
|   | 1 |  | D-U-N-S Number, Dun & Bradstreet |
|   | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix |
| **Must Use** | **N104** | **67** | **Identification Code** | **X** |  | **AN 2/80** |
|  | Code identifying a party or other code |
|  | Energy Supplier DUNS or DUNS+4 Number |

 **Segment: N1 Name (New Customer Name Key)**

 **Position:** 040

 **Loop:** N1 Optional

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To identify a party by type of organization, name, and code

 **Syntax Notes:** **1** At least one of N102 or N103 is required.

 **2** If either N103 or N104 is present, then the other is required.

 **Semantic Notes:**

 **Comments:** **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

 **2** N105 and N106 further define the type of entity in N101.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | 4-character Customer Name Key including spaces, punctuation, dashes, etc.Residential = First 4 characters of Last NameCommercial = First 4 characters of Company Name |
|  |  | N1\*8R\*SMIT~N1\*8R\*D'AU~N1\*8R\*E &~N1\*8R\*G.B.~N1\*8R\*J C~N1\*8R\*THE~ |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | **M** |  | **ID 2/3** |
|  | Code identifying an organizational entity, a physical location, property or an individual |
|   | 8R |  | Consumer Service Provider (CSP) Customer |
|  | Customer Name Key |
| **Must Use** | **N102** | **93** | **Name** | **X** |  | **AN 1/60** |
|  | Free-form name |
|  | Customer Name Key |

 **Segment: N3 Address Information (New Customer Service Address)**

 **Position:** 060

 **Loop:** N1 Optional

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** 2

 **Purpose:** To specify the location of the named party

 **Syntax Notes:**

 **Semantic Notes:**

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N3\*123 MAIN ST\*APT 2 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N301** | **166** | **Address Information** | **M** |  | **AN 1/55** |
|  | Address information |
|  | **N302** | **166** | **Address Information** | **O** |  | **AN 1/55** |
|  | Address information |

 **Segment: N4 Geographic Location (New Customer Service Address)**

 **Position:** 070

 **Loop:** N1 Optional

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To specify the geographic place of the named party

 **Syntax Notes:** **1** If N406 is present, then N405 is required.

 **Semantic Notes:**

 **Comments:** **1** A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

 **2** N402 is required only if city name (N401) is in the U.S. or Canada.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N4\*WEST HARTFORD\*CT\*061101940\*USN4\*BRIDGEPORT\*CT\*06610\*US |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

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

 **Segment: N1 Name (Old Customer Name Key)**

 **Position:** 040

 **Loop:** N1 Optional

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To identify a party by type of organization, name, and code

 **Syntax Notes:** **1** At least one of N102 or N103 is required.

 **2** If either N103 or N104 is present, then the other is required.

 **Semantic Notes:**

 **Comments:** **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

 **2** N105 and N106 further define the type of entity in N101.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required if Customer Name Key Changed for the New Address |
|  |  | N1\*AO\*SMIT~N1\*AO\*D'AU~N1\*AO\*E &~N1\*AO\*G.B.~N1\*AO\*J C~N1\*AO\*THE~ |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | **M** |  | **ID 2/3** |
|  | Code identifying an organizational entity, a physical location, property or an individual |
|   | AO |  | Account Of |
|  | Old Customer Name Key |
| **Must Use** | **N102** | **93** | **Name** | **X** |  | **AN 1/60** |
|  | Free-form name |
|  | Old Customer Name Key |

 **Segment: N1 Name (New Billing Address Name)**

 **Position:** 040

 **Loop:** N1 Optional

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To identify a party by type of organization, name, and code

 **Syntax Notes:** **1** At least one of N102 or N103 is required.

 **2** If either N103 or N104 is present, then the other is required.

 **Semantic Notes:**

 **Comments:** **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

 **2** N105 and N106 further define the type of entity in N101.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | N1\*BT\*FULL BILL TO NAMEN1\*NV |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | **M** |  | **ID 2/3** |
|  | Code identifying an organizational entity, a physical location, property or an individual |
|   | BT |  | Bill-to-Party |
| **Must Use** | **N102** | **93** | **Name** | **X** |  | **AN 1/60** |
|  | Free-form name |
|  | Bill To Name or code "NV" to indicate no value will be sent |

 **Segment: N3 Address Information (New Billing Address)**

 **Position:** 060

 **Loop:** N1 Optional

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** 2

 **Purpose:** To specify the location of the named party

 **Syntax Notes:**

 **Semantic Notes:**

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | N3\*152 MAIN ST\*APT 3G |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N301** | **166** | **Address Information** | **M** |  | **AN 1/55** |
|  | Address information |
|  | **N302** | **166** | **Address Information** | **O** |  | **AN 1/55** |
|  | Address information |

 **Segment: N4 Geographic Location (New Billing Address)**

 **Position:** 070

 **Loop:** N1 Optional

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To specify the geographic place of the named party

 **Syntax Notes:** **1** If N406 is present, then N405 is required.

 **Semantic Notes:**

 **Comments:** **1** A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

 **2** N402 is required only if city name (N401) is in the U.S. or Canada.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | N4\*MIDDLETOWN\*CT\*06457\*US |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

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

 **Segment: LIN Item Identification**

 **Position:** 010

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To specify basic item identification data

 **Syntax Notes:** **1** If either LIN04 or LIN05 is present, then the other is required.

 **2** If either LIN06 or LIN07 is present, then the other is required.

 **3** If either LIN08 or LIN09 is present, then the other is required.

 **4** If either LIN10 or LIN11 is present, then the other is required.

 **5** If either LIN12 or LIN13 is present, then the other is required.

 **6** If either LIN14 or LIN15 is present, then the other is required.

 **7** If either LIN16 or LIN17 is present, then the other is required.

 **8** If either LIN18 or LIN19 is present, then the other is required.

 **9** If either LIN20 or LIN21 is present, then the other is required.

 **10** If either LIN22 or LIN23 is present, then the other is required.

 **11** If either LIN24 or LIN25 is present, then the other is required.

 **12** If either LIN26 or LIN27 is present, then the other is required.

 **13** If either LIN28 or LIN29 is present, then the other is required.

 **14** If either LIN30 or LIN31 is present, then the other is required.

 **Semantic Notes:** **1** LIN01 is the line item identification

 **Comments:** **1** See the Data Dictionary for a complete list of IDs.

 **2** LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required - Only one LIN Loop is allowed per transaction |
|  |  | LIN\*1\*SV\*EL\*SH\*CE |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **LIN01** | **350** | **Assigned Identification** | **O** |  | **AN 1/20** |
|  | Alphanumeric characters assigned for differentiation within a transaction set |
| **Must Use** | **LIN02** | **235** | **Product/Service ID Qualifier** | **M** |  | **ID 2/2** |
|  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|   | SV |  | Service Rendered |
|  | Utility Initiated Transactions |
| **Must Use** | **LIN03** | **234** | **Product/Service ID** | **M** |  | **AN 1/48** |
|  | Identifying number for a product or service |
|   | EL |  | Electric Service |
| **Must Use** | **LIN04** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|   | SH |  | Service Requested |
| **Must Use** | **LIN05** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** |
|  | Identifying number for a product or service |
|   | CE |  | Customer Enrollment |

 **Segment: ASI Action or Status Indicator**

 **Position:** 020

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To indicate the action to be taken with the information provided or the status of the entity described

 **Syntax Notes:**

 **Semantic Notes:**

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | ASI\*27\*025 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **ASI01** | **306** | **Action Code** | **M** |  | **ID 1/2** |
|  | Code indicating type of action |
|   | 27 |  | Moved - Follow Up |
| **Must Use** | **ASI02** | **875** | **Maintenance Type Code** | **M** |  | **ID 3/3** |
|  | Code identifying the specific type of item maintenance |
|   | 025 |  | Reinstatement |

 **Segment: REF Reference Identification (Utility Account Number)**

 **Position:** 030

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | Eversource: Billing Account (BA) - Used with REF\*MG in ES to define unique Customer / Service LocationUnited Illuminating: POD ID |
|  |  | REF\*12\*51123456789REF\*12\*1234567891011 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | 12 |  | Billing Account |
|  | Utility-assigned Account Number for the end-use Customer |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Eversource: 11-digit Bill Account Number including a 51 prefixUnited Illuminating: 13-digit POD ID |

 **Segment: REF Reference Identification (Supplier Account Number)**

 **Position:** 030

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | Supplier Account Number from Old Account. Supplier may update this number for the new premise by sending an 814 Change. |
|  |  | REF\*11\*1234567890 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | 11 |  | Account Number |
|  | Supplier Account Number |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Supplier Account Number |

 **Segment: REF Reference Identification (Old Utility Account Number)**

 **Position:** 030

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | REF\*45\*2255555555555 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | 45 |  | Old Account Number |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Old Utility Account Number |

 **Segment: REF Reference Identification (Billing Option)**

 **Position:** 030

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | REF\*BLT\*LDC |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | BLT |  | Billing Type |
|  | Identifies the party or parties sending the bill to the Customer |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|   | DUAL |  | Each party sends a bill to the Customer |
|  | Also known as Pass-Through Billing |
|   | LDC |  | Utility Consolidated Billing |
|  | Also known as Complete or Rate Ready Billing |

 **Segment: REF Reference Identification (Bill Cycle)**

 **Position:** 030

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | REF\*BF\*01 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | BF |  | Billing Center Identification |
|  | Bill Cycle number when the meter will be read and the bill will be rendered by the Utility |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Two Character Bill Cycle Code (e.g., 01, 02, 03, etc.) |

 **Segment: REF Reference Identification (Load Asset Identifier)**

 **Position:** 030

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | REF\*1J\*17777 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | 1J |  | Facility ID Number |
|  | Load Asset Identifier |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Load Asset Identifier |

 **Segment: REF Reference Identification (Standard Point Location Code Zone)**

 **Position:** 030

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | Code identifying ISO-NE wholesale settlement zone. Note use of REF03 for value. Each Customer is associated to a zone within the ISO as determined by the LDC. Energy will be delivered to these zones for a Customer within the zone assigned by their Supplier. |
|  |  | REF\*SPL\*\*CONNECTICUT |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | SPL |  | Standard Point Location Code (SPLC) |
|  | ISO-NE Settlement Zone |
| **Must Use** | **REF03** | **352** | **Description** | **X** |  | **AN 1/80** |
|  | A free-form description to clarify the related data elements and their content |
|   | CONNECTICUT |  |  |
|  |  |

 **Segment: REF Reference Identification (Utility Budget Billing Status)**

 **Position:** 030

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | REF\*NR\*Y |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | NR |  | Progress Payment Number |
|  | Utility Budget Billing Status at time of Move |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|   | N |  | No, customer is not on a Utility Budget Billing at the time of Move |
|   | Y |  | Yes, customer is on a Utility Budget Billing program at the time of Move |

 **Segment: REF Reference Identification (Special Meter Configuration)**

 **Position:** 030

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Eversource: Sent if account has net meteringUnited Illuminating: Not Used - Net metered accounts can be identified by UI Utility Rate Class codes that begin with M725, M730, M785, M790 and M795 |
|  |  | REF\*KY\*NETMETER |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | KY |  | Site Specific Procedures, Terms, and Conditions |
|  | Special Meter Configuration |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|   | NETMETER |  | Net Meter is present on the account |

 **Segment: REF Reference Identification (Class of Contract/IRA Identifier)**

 **Position:** 030

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | Code identifying the type of contract (Residential or Business) signed by the customer with the Supplier in order to facilitate the ability to distinguish an Incidental Residential Account.  |
|  |  | REF\*CE\*RESREF\*CE\*BUS |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | CE |  | Class of Contract Code |
|  | Type of contract the customer signed with the Supplier, used to identify Incidental Residential Accounts |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|   | BUS |  | Business Contract Signed with Customer |
|  | Indicates Incidental Residential Account if customer is assigned a Residential rate class by the Electric Distribution Company, including: Eversource Rates 001, 005, 007 United Illuminating Rates beginning with M010, M161, M725, M730. |
|   | RES |  | Residential Contract Signed with Customer |

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

 **Position:** 040

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify pertinent dates and times

 **Syntax Notes:** **1** At least one of DTM02 DTM03 or DTM05 is required.

 **2** If DTM04 is present, then DTM03 is required.

 **3** If either DTM05 or DTM06 is present, then the other is required.

 **Semantic Notes:**

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | DTM\*007\*\*\*\*D8\*20191207 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **DTM01** | **374** | **Date/Time Qualifier** | **M** |  | **ID 3/3** |
|  | Code specifying type of date or time, or both date and time |
|   | 007 |  | Effective |
| **Must Use** | **DTM05** | **1250** | **Date Time Period Format Qualifier** | **X** |  | **ID 2/3** |
|  | Code indicating the date format, time format, or date and time format |
|   | D8 |  | Date Expressed in Format CCYYMMDD |
| **Must Use** | **DTM06** | **1251** | **Date Time Period** | **X** |  | **AN 1/35** |
|  | Expression of a date, a time, or range of dates, times or dates and times |
|  | Move Effective Date |

 **Segment: AMT Monetary Amount (Sales Tax Exemption)**

 **Position:** 060

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To indicate the total monetary amount

 **Syntax Notes:**

 **Semantic Notes:**

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | AMT\*T\*1AMT\*DP\*1 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **AMT01** | **522** | **Amount Qualifier Code** | **M** |  | **ID 1/3** |
|  | Code to qualify amount |
|   | DP |  | Exemption |
|  | Identifies the entire load is exempt from taxation |
|   | T |  | Tax |
|  | Identifies the entire load is taxable |
| **Must Use** | **AMT02** | **782** | **Monetary Amount** | **M** |  | **R 1/18** |
|  | Monetary amount |
|   | 1 |  | 1 = 100% |

 **Segment: AMT Monetary Amount (Capacity Obligation/ICAP Tag)**

 **Position:** 060

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To indicate the total monetary amount

 **Syntax Notes:**

 **Semantic Notes:**

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | This segment is used in conjunction with the REF\*KC. If REF\*KC\*NO ICAP TAG is present, then the zero value shown in this segment shall be disregarded. |
|  |  | AMT\*KC\*2.822 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **AMT01** | **522** | **Amount Qualifier Code** | **M** |  | **ID 1/3** |
|  | Code to qualify amount |
|   | KC |  | Obligated |
|  | Capacity Obligation/ICAP Tag |
| **Must Use** | **AMT02** | **782** | **Monetary Amount** | **M** |  | **R 1/18** |
|  | Monetary amount |
|  | Capacity Obligation/ICAP Tag |

 **Segment: AMT Monetary Amount (Supplier Cancellation Fee)**

 **Position:** 060

 **Loop:** LIN Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To indicate the total monetary amount

 **Syntax Notes:**

 **Semantic Notes:**

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required for Residential Utility Consolidated Billing (UCB) if the Utility Rate Class is Residential. Optional if the Utility Rate Class is Commercial. |
|  |  | AMT\*EN\*50AMT\*EN\*0 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **AMT01** | **522** | **Amount Qualifier Code** | **M** |  | **ID 1/3** |
|  | Code to qualify amount |
|   | EN |  | Cancellation Fee |
| **Must Use** | **AMT02** | **782** | **Monetary Amount** | **M** |  | **R 1/18** |
|  | Monetary amount |
|  | Supplier Cancellation Fee to be displayed on the residential customer's consolidated bill |

 **Segment: NM1 Individual or Organizational Name**

 **Position:** 080

 **Loop:** NM1 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To supply the full name of an individual or organizational entity

 **Syntax Notes:** **1** If either NM108 or NM109 is present, then the other is required.

 **2** If NM111 is present, then NM110 is required.

 **Semantic Notes:** **1** NM102 qualifies NM103.

 **Comments:** **1** NM110 and NM111 further define the type of entity in NM101.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | NM1\*MQ\*3 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **NM101** | **98** | **Entity Identifier Code** | **M** |  | **ID 2/3** |
|  | Code identifying an organizational entity, a physical location, property or an individual |
|   | MQ |  | Metering Location |
| **Must Use** | **NM102** | **1065** | **Entity Type Qualifier** | **M** |  | **ID 1/1** |
|  | Code qualifying the type of entity |
|   | 3 |  | Unknown |

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

 **Position:** 130

 **Loop:** NM1 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Eversource: RequiredUnited Illuminating: Not Used |
|  |  | REF\*MG\*123456789 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | MG |  | Meter Number |
|  | Service Account Identifier |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Service Account Identifier (SA ID) |

 **Segment: REF Reference Identification (Type of Service)**

 **Position:** 130

 **Loop:** NM1 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | REF\*PRT\*A |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | PRT |  | Product Type |
|  | Type of Service |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|   | A |  | Apply to All Services |
|   | C |  | Combined Service |
|   | D |  | Metered Service Demand kWh |
|   | E |  | Metered Service kWh |
|   | H |  | Controlled Hot Water |
|   | L |  | Lighting Service |
|   | N |  | Non-metered Service |
|   | T |  | Metered Service TOU |

 **Segment: REF Reference Identification (Supplier Pricing Structure)**

 **Position:** 130

 **Loop:** NM1 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required for Utility Consolidated Billing (UCB) |
|  |  | Eversource Rate Format: 7 characters with an implied decimal after the first position. For example, 0084900 = $0.0849United illuminating Rate Format: 3 characters, space, 3 characters (codes must be previously established with the utility). For example, XXX 123 reflects whatever rate was established for that code at the utility |
|  |  | REF\*PR\*XXX 123\*NVREF\*PR\* 0084900\*VREF\*PR\* 0092500 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | PR |  | Price Quote Number |
|  | Supplier Pricing Structure |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Supplier Pricing Structure |
|  | **REF03** | **352** | **Description** | **X** |  | **AN 1/80** |
|  | A free-form description to clarify the related data elements and their content |
|   | NV |  | Not Variable (Fixed) |
|   | V |  | Variable (Month-to-Month) |

 **Segment: REF Reference Identification (Supplier Next Cycle Rate)**

 **Position:** 130

 **Loop:** NM1 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required for Residential Utility Consolidated Billing (UCB) if the Utility Rate Class is Residential. Optional if the Utility Rate Class is Commercial. |
|  |  | REF\*PL\*0084900REF\*PL\*XXX 123 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | PL |  | Price List Number |
|  | Supplier Next Cycle Rate |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Supplier Next Cycle Rate |

 **Segment: REF Reference Identification (Supplier Rate Code)**

 **Position:** 130

 **Loop:** NM1 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required for Utility Consolidated Billing (UCB) |
|  |  | REF\*RB\*XXXREF\*RB\*CUS |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | RB |  | Rate code number |
|  | Supplier Rate Code |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Eversource: Predefined Supplier Specific Rate Code or "CUS"United Illuminating: Predefined Supplier specific Rate Code |

 **Segment: REF Reference Identification (Supplier Rate Term)**

 **Position:** 130

 **Loop:** NM1 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required for Residential Utility Consolidated Billing (UCB) if the Utility Rate Class is Residential. Optional if the Utility Rate Class is Commercial. |
|  |  | REF\*TC\*4REF\*TC\*12 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | TC |  | Vendor Terms |
|  | Supplier Rate Term |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Length of the Supplier Rate, expressed in number of months (e.g., 4, 12, 24, 36) |

 **Segment: REF Reference Identification (Utility Rate Class)**

 **Position:** 130

 **Loop:** NM1 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | REF\*NH\*001REF\*NH\*M010001 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | NH |  | Rate Card Number |
|  | Utility Rate Class |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Utility Rate Class |

 **Segment: REF Reference Identification (Load Profile)**

 **Position:** 130

 **Loop:** NM1 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify identifying information

 **Syntax Notes:** **1** At least one of REF02 or REF03 is required.

 **2** If either C04003 or C04004 is present, then the other is required.

 **3** If either C04005 or C04006 is present, then the other is required.

 **Semantic Notes:** **1** REF04 contains data relating to the value cited in REF02.

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | REF\*LO\*001 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|   | LO |  | Load Planning Number |
|  | Load Profile |
| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | Load Profile |

 **Segment: DTM Date/Time Reference (Supplier Rate Expiration Date)**

 **Position:** 140

 **Loop:** NM1 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To specify pertinent dates and times

 **Syntax Notes:** **1** At least one of DTM02 DTM03 or DTM05 is required.

 **2** If DTM04 is present, then DTM03 is required.

 **3** If either DTM05 or DTM06 is present, then the other is required.

 **Semantic Notes:**

 **Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required for Residential Utility Consolidated Billing (UCB) if the Utility Rate Class is Residential. Optional if the Utility Rate Class is Commercial. |
|  |  | DTM\*036\*\*\*\*CM\*202001 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **DTM01** | **374** | **Date/Time Qualifier** | **M** |  | **ID 3/3** |
|  | Code specifying type of date or time, or both date and time |
|   | 036 |  | Expiration |
|  | Supplier Rate Expiration Date |
| **Must Use** | **DTM05** | **1250** | **Date Time Period Format Qualifier** | **X** |  | **ID 2/3** |
|  | Code indicating the date format, time format, or date and time format |
|   | CM |  | Date in Format CCYYMM |
| **Must Use** | **DTM06** | **1251** | **Date Time Period** | **X** |  | **AN 1/35** |
|  | Expression of a date, a time, or range of dates, times or dates and times |
|  | Year and Month of Supplier Rate Expiration Date based on Utility Meter Read Schedule. This must be the revenue month; for example, if Bill Cycle 1 for December 2019 has a meter read date of November 30th, the field must be 201912 not 201911. |

 **Segment: SE Transaction Set Trailer**

 **Position:** 150

 **Loop:**

 **Level:** Detail

 **Usage:** Mandatory

 **Max Use:** 1

 **Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

 **Syntax Notes:**

 **Semantic Notes:**

 **Comments:** **1** SE is the last segment of each transaction set.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | SE\*29\*0001 |

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **SE01** | **96** | **Number of Included Segments** | **M** |  | **N0 1/10** |
|  | Total number of segments included in a transaction set including ST and SE segments |
| **Must Use** | **SE02** | **329** | **Transaction Set Control Number** | **M** |  | **AN 4/9** |
|  | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set |

**Example Move Request Utility to Supplier**

|  |  |
| --- | --- |
| **Eversource**  | **United Illuminating**  |
| ST\*814\*86900026BGN\*13\*2019.07.19.00.55.13.111111\*20190719N1\*SJ\*SUPPLIER\*1\*111111111N1\*8S\*CONNECTICUT LIGHT & POWER\*1\*006917090N1\*8R\*NAMEN3\*101 MAIN ST\*FL 1N4\*WATERBURY\*CT\*06706LIN\*1\*SV\*EL\*SH\*CEASI\*27\*025REF\*12\*51665422222REF\*11\*4471673REF\*BLT\*LDCREF\*BF\*17REF\*45\*51665411111REF\*1J\*11111REF\*SPL\*\*CONNECTICUTREF\*CE\*RESREF\*NR\*NDTM\*007\*\*\*\*D8\*20190713AMT\*DP\*1AMT\*EN\*0AMT\*KC\*2.152NM1\*MQ\*3REF\*46\*722051111REF\*RB\*CUSREF\*PR\*0107000\*NVREF\*PL\*0107000REF\*PRT\*EREF\*TC\*4REF\*MG\*193342222REF\*NH\*001REF\*LO\*001DTM\*036\*\*\*\*CM\*202005SE\*34\*86900026 | ST\*814\*0001BGN\*13\*2714137D20181119183547\*20200114N1\*8S\*UNITED ILLUMINATING COMPANY\*1\*006917967N1\*SJ\*SUPPLIER\*1\*111111111N1\*8R\*NAMEN1\*BT\*NVN3\*101 MAIN STN4\*BRIDGEPORT\*CT\*06606\*USN1\*AO\*OLDLIN\*01\*SV\*EL\*SH\*CEASI\*27\*025REF\*11\*59639999REF\*12\*1210053621020REF\*BLT\*LDCREF\*BF\*01REF\*CE\*BUSREF\*45\*1920009999026DTM\*007\*\*\*\*D8\*20200115AMT\*EN\*50NM1\*MQ\*3REF\*PRT\*AREF\*RB\*123REF\*PR\*ABC 123\*NVREF\*PL\*ABC 123REF\*TC\*6DTM\*036\*\*\*\*CM\*202005SE\*27\*0001 |

Note: Current 814 Move transaction may only contain partial SSI. Both utilities are working toward updating the transaction to meet the requirements as shown above.