**Texas**

**Standard**

**Electronic**

**Transaction**

**650\_01:**

##### Service Order Request

Electronic Data Interchange

ANSI ASC X12 Ver/Rel 004010

Transaction Set 650

**Texas 650\_01:**

Service Order Request

This transaction set, is sent from the Competitive Retailer (CR) to the Transmission Distribution Service Provider (TDSP) via point to point Protocol, and is used to initiate the original Service Order, Cancel or Change (Update) Request.

Note: For every 650\_01 Request there will be a 650\_02 Response.

Document Flow:

* CR to TDSP

The Functional Acknowledgement (997) transaction set from the receiver of the originating transaction to the sender of the originating transaction, is used to acknowledge the receipt of the originating transaction and indicate whether the transaction passed ANSI X12 validation. This acknowledgement does not imply that the originating transaction passed Texas SET validation. “CR, TDSP, or ERCOT shall respond with a 997 within 24 hours of receipt of an inbound transaction.”

|  |  |  |
| --- | --- | --- |
|  |  | Summary of Changes |
| January 17, 2001  Version 1.0 |  | Initial Release |
|  |  |  |
| March 27, 2001  Version 1.3 |  | The following changes were made: |
|  |  | * Removed Scenario Names from Transaction Description page |
|  |  | * Corrected the How to Use this Implementation Guide page |
|  |  | * Changed the gray box in the REF (Purpose Code) to BGN07 = KH and BGN07 = IN from BGN07 = RH and BGN07 = TE |
|  |  | * Changed Name in PER to be similar to 814\_PC, noting that the Outage Work Group has suggested Last Name, First Name as the proposed format. |
|  |  | * Corrected gray box for N403 Service Address Zip Code to be numeric only |
|  |  | * Changed Customer City and State to Must Use |
|  |  | * Corrected REF~TD Reason for change code “REPPH” to “REFPH” |
|  |  | * Changed Life Support Indicator to be consistent with other Texas SET transactions. |
|  |  | * Removed the language "When direction and comments are both used each must be limited to 80 characters. If only one is used that one can be no more then 160 characters." from the MTX segments on the 650\_01. This language was in conflict with the gray box below that says 80 characters only (and the Service Order report, which also said 80 characters only). |
|  |  | * Corrected Example #3: changed CR to POLR |
|  |  | * Corrected the SE segment count in examples |
| July 27, 2001  Version 1.4 |  | The following changes were made:  Change Control 2001-152:   * Added language to the HL Parent Loop: “For an ESI ID with multiple meters the CR will generate a service order request for each meter affected.” Multiple meters at an ESI ID requires multiple service orders.” * Removed the second example in the HL Parent Loop (Service Order Level Information):HL~1~EV~1 * Modified the following text in the HL01 gray box to “This unique number will be used to identify the HL loop. One parent loop (Service Order Level Information) per transaction”. * Modified HL04. Changed gray box “Indicates one hierarchical loop will be provided”. Changed gray box language for code “0” to “Service order applies to one meter affected at the ESI ID.” Removed code “1” and the gray box. * Removed the “HL Hierarchical Level (Meter Level Information) segment. * Modified REF (Meter Number). * Changed the gray box from: “HL Child Loop (Meter Level Information)” to “HL Parent Loop (Service Order Level Information)” * Removed from the gray box “This segment may not be repeated, there must be one HL child loop for each meter. * Changed the gray box sentence: “ Meter Number is required on the following service orders if the work is to be performed for a specific meter on a multi-meter installation:” to “Required: “ Meter Number is required for the following service order types.” |
|  |  | * Example #1 of 5: Modified “HL~1~EV~1” to “HL~1~~EV~0”; Removed the “HL~2~1~-EV” line; Modified “SE~19~000000001” to “SE~18~000000001”; Moved Meter Number under Purpose Code * Example #2 of 5: Changed title from “Meter Test Multiple Meters Request” to “Meter Test”; Remove ‘Indicates Multiple Meters in gray box title; Removed the “HL~2~1~EV” Line; Removed the “HL~3~1~EV” Line; Moved Meter Number under Purpose Code; Removed the REF~MG~495951R” Line * Example #4 of 5: Modified “HL~1~EV~1” to “HL~1~EV~0”; Removed the “HL~2~1~EV” Line; Moved Meter Number under Purpose Code; Modified “SE~20~000000001” to “SE~19~000000001”   Change Control 2001-101:   * Added Purpose Codes (SL010 Street Light – Remove a Specific Lamp; GL009 Guard Light – Remove a Specific Lamp).   Change Control 2001-132:   * Added gray box language to the PER segment stating that the Customer Contact Name should be formatted as Last Name, First Name and stated that “Only one comma will be used”. |
| June 17th, 2002  Version 1.5 |  | The following changes were made: |
|  |  | * Change Control 2001-198 - Provided clarification in gray box for YNQ PDL (Premium Disconnect Location) |
|  |  | * Change Control 2002-254 - In the REF~8X (Purpose Codes) added DC003. * Change Control 2002-259 – Changed Life Support Indicator to Special Needs and eliminated the “I” value. |
|  |  | * Change Control 2002-305 – Clean-up of gray box for RD code in the BGN07. |
|  |  | * Applied Change Control 2002-311 |
| 10/15/02 |  | Change Control 2002-419 – Changed references to POLR in example 3 to AREP |
|  |  | Change Control 2002-435 – Added RCOO3 code to REF~8X |
| 6/12/03 |  | Change Control 2003-528 Add Business Process Overviews to the appropriate implementation guides |
| May 29th, 2003  Version 1.6 |  | The following changes were made: |
|  |  | Change Control 2003-474 Provide additional detail on when the REF~TD (Reason for Change) should be populated on the 650\_01 transaction |
| 5/30/03 |  | Change Control 2003-511 This change control is being requested due to the fact some TDSP's have been receiving TX SET transactions with telephone (TE) or communication numbers with punctuation and symbols in the PER04 and PER06 data elements of the PER Segment, which is incorrect. |
| September 29th, 2003  Version 2.0 |  | No Changes |
| October 8th, 2004  Version 2.0A |  | Change Control 2003-530:   * Insert page break to separate examples from guide * Add example when CR sends Reconnect and did not initiate the Disconnect * Add Example Reconnect for Non-Pay * Clean up Gray box to remove verbiage from the PER02 of the PER for Information contact name – “The Outage Workshop Group will investigate and determine the solution concerning the customer name format for this transaction. The recommendation from this group is: Last Name, First Name The comma (,) follows the customer's last name as a means of easily segmenting this data element into a system format.”   Change Control 2004-634:   * The following Language should be added, following the “transaction flow” of each transaction. The Functional Acknowledgement (997) transaction set from the receiver of the originating transaction to the sender of the originating transaction, is used to acknowledge the receipt of the originating transaction and indicate whether the transaction passed ANSI X12 validation. This acknowledgement does not imply that the originating transaction passed Texas SET validation. “CR, TDSP, or ERCOT shall respond with a 997 within 24 hours of receipt of an inbound transaction.”   Change Control 2004-623:   * Incorporate the Business Process Overview into the body of the 650\_01 Implementation Guide. Remove the Business Process Overview section from the 650\_01 Implementation Guide. |
| March 1, 2005  Version 2.1 |  | Change Control 2004-629:   * Update the 650\_01 YNQ (Premium Disconnect Location) YNQ09 PDL graybox and add 2 addition codes in the YNQ09 to give the TDSP clear instructions as to what charges the CR has agreed to pay.   Change Control 2004-649:   * Add membership ID to numerous TX SET transactions to support Muni/Co-op business requirement to positively match all move-in, move-out, and switch requests to an existing MCTDSP membership/account.   Change Control 2005-683:   * Add clarity to the transaction notes section regarding the Texas Market use of characters in alphanumeric fields |
| September 1, 2006  Version 3.0 |  | Change Control 2006-691:   * To support the changes in the revised Pro-Forma Retail Delivery Tariff, PUCT Project 29637. * New reason codes were added for Disconnection for Denial of Access and Reconnection following Disconnection for Denial of Access.   Change Control 2006-698:   * Require Customer Contact Name and Phone number Segment on all 650\_01 Service Request with the exception of Disconnect for non-payment (DC001) and Reconnect for Non-Payment (RC002). All other service requests are generally Retail Customer initiated and require customer contact information. * Gray box clarification is needed to make it clear to all Market Participants when the YNQ~Yes/No Call Ahead segment should equal Y=Yes for Customer Initiated Request. This segment should equal Y only when Retail Customer Requires Call Ahead and an appropriate Purpose Code is provided in the 650. * Several gray box clarifications and updates have been redlined in this change control. Additional purpose codes have been added to provide market participants more functionality in communicating Retail Customer Service Request to the TDSP. The new codes will also add clarity to the CR via the TDSPs Responses to these requests.   Change Control 2006-700:   * If a TDSP does not disconnect a premise in 3 business days and after that 3rd day if the disconnect is scheduled to be performed by the TDSP on a Friday, all CRs may not have staff available to take payments, make payment arrangements with customer, and request reconnect of service. Include a New YNQ Segment for CRs to provide the TDSP Friday Authorization for DNPs that are overdue. |
| November 30, 2010  Version 3.0A |  | Change Control 2009-729:   * Remove examples from Implementation Guides and create separate documents to allow for quicker correction and addition of new examples without a TX SET release   Change Control 2010-731:   * Update the TX SET Guides to correct spelling, grammar and punctuation. * Cleanup of gray box example for consistency. |
| June 4, 2012  Version 4.0 |  | Change Control 2010-753:   * Create a new code in both the 650\_01 and 650\_02 transactions that will allow a CR to notify a TDSP when a customer has installed some type of generation equipment at the premise   Change Control 2010-754:   * Add a new code to allow a CR to notify a TDSP when a customer has an Electric Vehicle as an end-use device at a premise.   Change Control 2011-772:   * Modifications to Change Control 2010-753 to remove Electric Vehicles (which was Approved in 2010-754) from the Purpose Code and only applying the new FI012 Purpose Code to Generation devices at the premises.   Change Control 2011-775:   * Add grey box to the DC005 purpose code of the 650\_01: This code authorizes the TDSP to disconnect service at any location accessible to them, which includes premium disconnect location.   Change Control 2011-777:   * Adding new codes in the REF~8X to Add Payment Plan Switch Hold and two removal codes – (1) for Switch Hold Removal due to Tampering and (1) Switch Hold Removal for Payment Plan Switch Hold at the request of the REP of Record.   Change Control 2011-782:   * **Add the “DUP” reject code to be a valid rejection reason in the 650\_02 transaction to indicate a duplicate 650\_01 was received by the TDSP. Also clarifying DC005 “Disconnect due to tampering” is really a “Disconnect for non-payment of charges associated to Tampering”.**   Change Control 2010-790:   * Clarified “C” Cancel Code in the BGN08 should not be used for “DC005”   Change Control 2010-793:   * Updates the DC005 to make the Friday Authorization flag required in any disconnection request relating to nonpayment |
| TBD, 2020  Version 4.0A |  | Change Control 2020-799:   * Clarifies the current description shown in the REF~8X~TE003 of “PCB” Purpose Code to show it as “Investigate Transformer Leaking” in the 650\_01 and 650\_02   Change Control 2020-806:   * Sync the Texas SET Implementation Guides with ERCOT Protocols in the way the Muni-Coop is abbreviated.   Change Control 2020-820   * Recipients of the Select Language Characters (Special Characters) found in the Extended Character Set of the Application Control Structure can be rejected with a 997 Reject. |

**How to Use this Implementation Guide**

This section is used to show the **X12 Rules** for this segment. You must look further into the grayboxes below for Texas Rules.

**Segment: REF Reference Identification (ESI ID)**

**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:**

This section is used to show the Texas Rules for implementation of this segment.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | REF~Q5~~10111111234567890ABCDEFGHIJKLMNOPQRS |

**Data Element Summary**

One or more examples.

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Must Use | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | Q5 |  | Property Control Number | | | | |
|  | | | | | | Electric Service Identifier (ESI ID) | | | |
| Must Use | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | ESI ID | | | | | | | |

This column shows the Texas use of each data element.

This column shows the X12 attributes for each data element.

M = Mandatory

O = Optional

# X = Relational

# C = Conditional

AN = Alphanumeric

N# = Implied Decimal at position #

ID = Identification

R = Real

1/30 = Minimum 1, Maximum 30

These are X12 code descriptions, which often do not relate to the Texas descriptions.

X12 cannot keep up with Texas needs, thus, Texas often changes the meaning of existing codes. See the corresponding graybox for the Texas definitions.

650 Maintenance Service Order

ANSI ASC X12 Structure

**Functional Group ID=MO**

**Introduction:**

This Draft Standard for Trial Use contains the format and establishes then data contents of the Maintenance Service Order Transaction Set (650) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides a uniform, singular medium for the exchange of maintenance related information among organizations involved in the reporting, requesting, scheduling, planning, estimating, coordinating and performing of maintenance actions. It provides the structure to convey maintenance-related information, including maintenance action directives, maintenance actions, cost estimates, maintenance action assignments, maintenance action status, and completion reports. This transaction set can be used in a bi-directional environment alone or in conjunction with the Project Schedule Reporting Transaction Set (806) to link schedule and maintenance action information as well as with the Specifications/Technical Information Transaction Set (841) to link maintenance-related, media independent, technical data.

**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 |  |  |  |  |  |  |  |
|  | 050 | N1 | Name | O | 1 |  | n1 |  |  |  |  |  |  |
|  | 060 | N2 | Additional Name Information | O | 2 |  |  |  |  |  |  |  |  |
|  | 070 | N3 | Address Information | O | 2 |  |  |  |  |  |  |  |  |
|  | 080 | N4 | Geographic Location | O | 1 |  |  |  |  |  |  |  |  |
|  | 090 | PER | Administrative Communications Contact | O | >1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Detail:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID - HL |  |  | >1 |  |  |  |  |  |  |  |
| M | 010 | HL | Hierarchical Level | M | 1 |  | n2 |  |  |  |  |  |  |
|  | 030 | REF | Reference Identification | O | >1 |  |  |  |  |  |  |  |  |
|  | 050 | DTM | Date/Time Reference | O | >1 |  |  |  |  |  |  |  |  |
|  | 070 | YNQ | Yes/No Question | O | >1 |  | n3 |  |  |  |  |  |  |
|  |  |  | LOOP ID - MTX |  |  | >1 |  |  |  |  |  |  |  |
|  | 250 | MTX | Text | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M | 290 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Notes**

**1.** The N1 segment identifies the organization originating and receiving the transaction set.

**2.** The HL levels are group work candidate and work candidate. Valid HL parent-child relationships are 1) group work candidate-group work candidate and 2) group work candidate-work candidate.

**3.** The YNQ segment identifies conditions related to a maintenance or repair requirement.

For use on an alphanumeric field, Texas SET recognizes all characters within the Basic Character Set. Within the Extended Character Set, Texas SET recognizes all character sets except all Select Language Characters found in Section 3.3.2 item (4) of X12 Application Control Structure. Exceptions to ANSI Standards for alphanumeric fields are noted in gray boxes of this Implementation Guide.

Receipt of the Select Language Characters found in Section 3.3.2 item (4) of the Application Control Structure may be rejected with a 997 Reject transaction by recipient.

For reference, the Select Language Characters found in Section 3.3.2 item (4) of the ANSI Standards are:

À|Á|Â|Ä|à|á|â|ä|È|É|Ê|è|é|ê|ë|Ì|Í|Î|ì|í|î|ï|Ò|Ó|Ô|Ö|ò|ó|ô|ö|Ù|Ú|Û|Ü|ù|ú|û|ü|Ç|ç|Ñ|ñ|¿|¡

**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~650~000000001 |

**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 | | | | | | |
|  | | | | 650 |  | Maintenance Service Order | | | |
| **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 | | | | | | |

**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~13~200105031956531~20010531~~~~79~IT  BGN~13~200106030958742~20010603~~~200105031956531~79~C |

**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 | | | | | | | |
|  | | | | 13 |  | Request | | | | |
| **Must Use** | **BGN02** | **127** | **Reference Identification** | | | | **M** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.  Transaction Reference numbers will only contain uppercase letters (A to Z) and digits (0 to 9). Note that punctuation (spaces, dashes, etc.) must be excluded. | | | | | | | |
| **Must Use** | **BGN03** | **373** | **Date** | | | | **M** |  | **DT 8/8** | | |
|  | | | Date expressed as CCYYMMDD | | | | | | | |
|  | | | The transaction creation date - the date that the data was processed by the sender's application system. | | | | | | | |
| **Dep** | **BGN06** | **127** | **Reference Identification** | | | | **O** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | Reconnect: Original Request: Required when Purpose Code (REF.02 of the REF~8X) = "RC001" or "RC002"; Refers to the BGN.02 of the original disconnect request, otherwise not used.  Reconnect: Original Request: Required when Purpose Code (REF.02 of the REF~8X) = "RC005"; Refers to the BGN.02 of the original disconnect for charges associated to tampering request, otherwise not used.  Cancel: Required - Refers to the BGN02 of the original Service Order Request.  Change (Update): Required - Refers to the BGN02 of the original Service Order Request.  This number will be tracked in the BGN06 through the lifecycle of the Service Order Request Process. | | | | | | | |
| **Must Use** | **BGN07** | **640** | **Transaction Type Code** | | | | **O** |  | **ID 2/2** | | |
|  | | | Code specifying the type of transaction | | | | | | | |
|  | | | | 13 |  | Maintenance Request | | | | |
|  | | | | | | Meter Maintenance | | | |
|  | | | | 38 |  | Test | | | | |
|  | | | | | | Meter Test | | | |
|  | | | | 72 |  | Termination | | | | |
|  | | | | | | Disconnect | | | |
|  | | | | 79 |  | Continuation | | | | |
|  | | | | | | Reconnect | | | |
|  | | | | AN |  | Material Obligation Inquiry | | | | |
|  | | | | | | Lighting | | | |
|  | | | | IN |  | Inquiry | | | | |
|  | | | | | | Technical/Environmental | | | |
|  | | | | KH |  | Change Order | | | | |
|  | | | | | | Meter Exchange | | | |
|  | | | | RD |  | Returns Detail | | | | |
|  | | | | | | Read (Out of Cycle) | | | |
|  | | | | SH |  | Shipment Status Notification | | | | |
|  | | | | | | Switch Hold Indicator | | | |
|  | | | | XZ |  | Facility Confirmation | | | | |
|  | | | | | | Facilities Investigation  The TDSP will not complete the order until it has done everything within its business processes to meet the requirements of the original service order. | | | |
| **Must Use** | **BGN08** | **306** | **Action Code** | | | | **O** |  | **ID 1/2** | | |
|  | | | Code indicating type of action | | | | | | | |
|  | | | | 2 |  | Change (Update) | | | | |
|  | | | | | | Disconnect for Non-Pay or Disconnect for Charges associated to Tampering: Not Used  Reconnect for Non-Pay or Reconnect after Tampering Disconnect: Not Used  All Others: Used when updating any other Service Order | | | |
|  | | | | C |  | Cancelled | | | | |
|  | | | | | | Disconnect for Non-Pay or Disconnect for Charges associated to Tampering: Not Used (CR must send an Original Reconnect for Non-Pay or Reconnect after Tampering Disconnect instead to cancel a Disconnect for Non-Payment or Disconnect for Charges associated to Tampering)  For All Others: Used when canceling any other Service Order (including Reconnect for Non-Pay or Reconnect after Tampering Disconnect request) | | | |
|  | | | | IT |  | Initiate | | | | |
|  | | | | | | Original Request | | | |

**Segment: N1 Name (Customer)**

**Position:** 050

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

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

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

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

**Semantic Notes:**

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

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

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N1~8R~CUSTOMER |

**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 | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | Customer Name as documented in the sender's application system. | | | | | | | |

**Segment: N2 Additional Name Information**

**Position:** 060

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 2

**Purpose:** To specify additional names or those longer than 35 characters in length

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional |
|  |  | N2~D/B/A CUSTOMER CORP |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N201** | **93** | **Name** | **M** |  | **AN 1/60** | |
|  | | | Free-form name | | | |
|  | **N202** | **93** | **Name** | **O** |  | **AN 1/60** | |
|  | | | Free-form name | | | |

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

**Position:** 070

**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 N MAIN ST MS FLR 13~ANY ADDRESS OVERFLOW |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N301** | **166** | **Address Information** | **M** |  | **AN 1/55** | |
|  | | | Address information | | | |
|  | | | Customer Service Address | | | |
| **Dep** | **N302** | **166** | **Address Information** | **O** |  | **AN 1/55** | |
|  | | | Address information | | | |
|  | | | Customer Service Address Overflow  Condition: If there is an overflow, it must be sent. | | | |

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

**Position:** 080

**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 - The first 5 characters of the Zip Code (N403) will be used for validation. |
|  |  | N4~ANYTOWN~TX~78111 |

**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) | | | |
|  | | | Postal codes will only contain digits (0 to 9). Note that punctuation (spaces, dashes, etc.) must be excluded. | | | |

**Segment: PER Administrative Communications Contact (Customer Contact)**

**Position:** 090

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** >1

**Purpose:** To identify a person or office to whom administrative communications should be directed

**Syntax Notes:** **1** If either PER03 or PER04 is present, then the other is required.

**2** If either PER05 or PER06 is present, then the other is required.

**3** If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required  Not required when REF~8X (Purpose Code) = DC001 or RC001  The Customer Contact Name should be formatted as follows:  Last Name, First Name  Only one comma will be used per the following examples: |
|  |  | PER~IC~SNOW, JOE RAY JR  PER~IC~SNOW, JOE RAY JR~TE~8005551212  PER~IC~SNOW, JOE RAY JR~TE~8005551212~TE~8005552121 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **PER01** | **366** | **Contact Function Code** | | | | **M** |  | **ID 2/2** | |
|  | | | Code identifying the major duty or responsibility of the person or group named | | | | | | |
|  | | | | IC |  | Information Contact | | | |
| **Dep** | **PER02** | **93** | **Name** | | | | **O** |  | **AN 1/60** | |
|  | | | Free-form name | | | | | | |
|  | | | Customer Contact Name - Required if this name is different than the customer name provided in N1~8R.  The Last Name, First Name format would be used when applicable. | | | | | | |
| **Dep** | **PER03** | **365** | **Communication Number Qualifier** | | | | **X** |  | **ID 2/2** | |
|  | | | Code identifying the type of communication number | | | | | | |
|  | | | Required if providing a telephone number. | | | | | | |
|  | | | | TE |  | Telephone | | | |
| **Dep** | **PER04** | **364** | **Communication Number** | | | | **X** |  | **AN 1/80** | |
|  | | | Complete communications number including country or area code when applicable | | | | | | |
|  | | | Required if providing a telephone number.  Punctuation (dashes, symbols etc.) must be excluded. | | | | | | |
| **Dep** | **PER05** | **365** | **Communication Number Qualifier** | | | | **X** |  | **ID 2/2** | |
|  | | | Code identifying the type of communication number | | | | | | |
|  | | | Condition: Required if providing a second telephone number. | | | | | | |
|  | | | | TE |  | Telephone | | | |
| **Dep** | **PER06** | **364** | **Communication Number** | | | | **X** |  | **AN 1/80** | |
|  | | | Complete communications number including country or area code when applicable | | | | | | |
|  | | | Condition: Required if providing a second telephone number.  Punctuation (dashes, symbols etc.) must be excluded. | | | | | | |

**Segment: N1 Name (Transmission Distribution Service Provider)**

**Position:** 050

**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~TDSP NAME~1~007909411~~40 |

**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) | | | | |
|  | | | | | | Transmission Distribution Service Provider (TDSP) | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | TDSP Name | | | | | | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |
|  | | | | 1 |  | D-U-N-S Number, Dun & Bradstreet | | | | |
|  | | | | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
| **Must Use** | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | TDSP D-U-N-S Number or D-U-N-S + 4 Number | | | | | | | |
| **Must Use** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 40 |  | Receiver | | | | |

**Segment: N1 Name (Competitive Retailer)**

**Position:** 050

**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~CR NAME~9~007909411ESP1~~41 |

**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 | | | | |
|  | | | | | | Competitive Retailer (CR) | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | CR Name | | | | | | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |
|  | | | | 1 |  | D-U-N-S Number, Dun & Bradstreet | | | | |
|  | | | | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
| **Must Use** | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | CR D-U-N-S Number or D-U-N-S + 4 Number | | | | | | | |
| **Must Use** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 41 |  | Submitter | | | | |

**Segment: HL Hierarchical Level (Service Order Level Information)**

**Position:** 010

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To identify dependencies among and the content of hierarchically related groups of data segments

**Syntax Notes:**

**Semantic Notes:**

**Comments:** **1** The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.

The HL segment defines a top-down/left-right ordered structure.

**2** HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.

**3** HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.

**4** HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.

**5** HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Service Order Level Information) |
|  |  | Required  For an ESI ID with multiple meters the CR will generate a service order request for each meter affected. "Multiple meters at an ESI ID require multiple service orders." |
|  |  | HL~1~~EV~0 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **HL01** | **628** | **Hierarchical ID Number** | | | | **M** |  | **AN 1/12** | | |
|  | | | A unique number assigned by the sender to identify a particular data segment in a hierarchical structure | | | | | | | |
|  | | | This unique number will be used to identify the HL Loop. One parent loop (Service Order Level Information) per transaction. | | | | | | | |
|  | | | | 1 |  | Parent HL Loop - Service Order Level Information | | | | |
| **Must Use** | **HL03** | **735** | **Hierarchical Level Code** | | | | **M** |  | **ID 1/2** | | |
|  | | | Code defining the characteristic of a level in a hierarchical structure | | | | | | | |
|  | | | | EV |  | Event | | | | |
|  | | | | | | Other type of action or report | | | |
| **Must Use** | **HL04** | **736** | **Hierarchical Child Code** | | | | **O** |  | **ID 1/1** | | |
|  | | | Code indicating if there are hierarchical child data segments subordinate to the level being described | | | | | | | |
|  | | | Indicates one hierarchical loop will be provided. | | | | | | | |
|  | | | | 0 |  | No Subordinate HL Segment in This Hierarchical Structure. | | | | |
|  | | | | | | Service order applies to one meter affected at the ESI ID. | | | |

**Segment: REF Reference Identification (Purpose Code)**

**Position:** 030

**Loop:** HL Mandatory

**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:** |  | HL Parent Loop (Service Order Level Information)  Segment contains all of the service orders that are available to request.  All service orders must be for known ESI IDs, including service orders for Street Lights and Guard Lights.  When requesting action on a specific meter on a multi-metered/un-metered ESI ID you must specify in REF~8X the appropriate purpose for the transaction and provide specific information in the REF~MG for meter service request or REF~ADE for un-metered service request.  The following Purpose Codes can only be used when requesting the associated  Transaction Type Code as noted below:  Purpose Codes Beginning With:  DC use only when BGN07 = 72 Disconnect  FI use only when BGN07 = XZ Facilities Investigation  GL use only when BGN07 = AN Lighting  SL use only when BGN07 = AN Lighting  RC use only when BGN07 = 79 Reconnect  ME use only when BGN07 = KH Meter Exchange  MT use only when BGN07 = 38 Meter Test  MM use only when BGN07 = 13 Meter Maintenance  RD use only when BGN07 = RD Read (Out of Cycle)  SH use only when BGN07 = SH Switch Hold Indicator  TE use only when BGN07 = IN Technical Environmental |
|  |  | Required on all 650\_01 Service Request, if CR does not provide a Purpose Code TDSP will reject the transaction |
|  |  | REF~8X~DC001 |

**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 | | | | | | | |
|  | | | | 8X |  | Transaction Category or Type | | | | |
|  | | | | | | Purpose 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 | | | | | | | |
|  | | | | DC001 |  | Disconnect for Non-Pay | | | | |
|  | | | | | | When this purpose code is sent, the Segment YNQ Yes/No Disconnect Premium Location is Required to be sent with a Y(Yes) in the YNQ02 | | | |
|  | | | | DC002 |  | Disconnect for Customer Requested Clearance | | | | |
|  | | | | | | Disconnect for Customer Requested Clearance (DC002) and Reconnect for Customer Requested Clearance (RC002) may be sent to the TDSP at the same time to allow the TDSP to appropriately schedule both Disconnect and Reconnect request. | | | |
|  | | | | DC003 |  | Remove One Specific Meter on a Multi-Meter Premise/ESI-ID. | | | | |
|  | | | | | | This can only be used to Remove One Specific Meter from a Multi-Meter Premise/ESI-ID. Not to be used for Non-Multi-Metered Premises/ESI-ID. This does not close out the Premise/ESI-ID. | | | |
|  | | | | DC004 |  | Disconnect Due to Denial of Access to the Meter | | | | |
|  | | | | | | This code authorizes the TDSP to disconnect service at any location accessible to them, which includes premium disconnect location. | | | |
|  | | | | DC005 |  | Disconnect for Non-Pay for Charges associated to Tampering | | | | |
|  | | | | | | This code authorizes the TDSP to disconnect service at any location accessible to them, which includes premium disconnect location. | | | |
|  | | | | FI001 |  | Relocation of Service/Facilities | | | | |
|  | | | | | | Used when Retail Customer is requesting relocation of Retail Customer and/or TDSP owned equipment for example service pole, drops, metering equipment (meter can, may include breaker box), weatherhead, streetlight/guard light and/or customer owned transformer. | | | |
|  | | | | FI002 |  | Customer Requesting Information Only concerning Relocation of Services/Facilities | | | | |
|  | | | | FI003 |  | Plan Review | | | | |
|  | | | | FI004 |  | Dead Animal on Facilities | | | | |
|  | | | | FI005 |  | Transformer Open | | | | |
|  | | | | FI006 |  | Fire Ants in/on TDSP owned equipment | | | | |
|  | | | | FI007 |  | Wire | | | | |
|  | | | | FI008 |  | Pole | | | | |
|  | | | | FI009 |  | Transformer | | | | |
|  | | | | FI010 |  | Crossed Meters | | | | |
|  | | | | FI011 |  | Possible Meter Damage | | | | |
|  | | | | FI012 |  | Customer inquiry or installation of some type of Generation device or equipment at the Premise | | | | |
|  | | | | | | This code is used by the CR to notify the TDSP of Customer's inquiry or installation of some type of Generation (example: wind, solar, micro-turbines, etc.) at the premise. CR will provide in the MTX segment any additional information of the type of generation, Customer and CR contact information (telephone/cell phone numbers, email address, etc.) needed for TDSP to communicate directly with Customer. | | | |
|  | | | | FI013 |  | Electric Vehicle | | | | |
|  | | | | | | Used when Retail Customer and / or Retail Electric Provider is requesting a load analysis of TDSP owned equipment capacity to serve Electric Vehicle that may be present at the customer's premise. | | | |
|  | | | | GL001 |  | Guard Light - Lights Out | | | | |
|  | | | | GL002 |  | Guard Light - Dim Light | | | | |
|  | | | | GL003 |  | Guard Light - Light Hanging | | | | |
|  | | | | GL004 |  | Guard Light - Pole Leaning | | | | |
|  | | | | GL005 |  | Guard Light - Light On All Day | | | | |
|  | | | | GL006 |  | Guard Light - Light Goes On and Off | | | | |
|  | | | | GL007 |  | Guard Light - Install Shield | | | | |
|  | | | | GL008 |  | Guard Light - Re-aim | | | | |
|  | | | | GL009 |  | Guard Light - Remove a Specific Lamp | | | | |
|  | | | | ME001 |  | Exchange with AMR (Automated Meter Read) Meter | | | | |
|  | | | | ME002 |  | Exchange with OMR (Off-site Meter Read) Meter | | | | |
|  | | | | ME003 |  | Exchange with IDR | | | | |
|  | | | | ME004 |  | Exchange with TOU | | | | |
|  | | | | ME005 |  | Exchange with Demand Meter | | | | |
|  | | | | ME006 |  | Exchange with kVAR Meter | | | | |
|  | | | | ME007 |  | Exchange with kWh Meter | | | | |
|  | | | | ME008 |  | Exchange with Electrical Pulse Metering | | | | |
|  | | | | ME009 |  | Exchange (like for like) | | | | |
|  | | | | ME010 |  | Upgrade (Demand Capacity, Scale # of Dials) | | | | |
|  | | | | | | Upgrade is an exchange of a like meter for like meter where there is a need for a change due to increased functionality or customer request. On upgrades, comments will be used for details. | | | |
|  | | | | ME011 |  | Damaged | | | | |
|  | | | | | | A damaged meter purpose code indicates that the customer knows the meter has been damaged. | | | |
|  | | | | ME012 |  | Dead Meter | | | | |
|  | | | | ME013 |  | Optional IDR Removal | | | | |
|  | | | | | | ESI ID met threshold requirement for Optional IDR Removal | | | |
|  | | | | ME014 |  | Mandatory IDR Installation | | | | |
|  | | | | | | ESI ID met threshold requirement for Mandatory IDR Installation | | | |
|  | | | | MM001 |  | Install Lock Band | | | | |
|  | | | | MM002 |  | Remove Lock Band | | | | |
|  | | | | MM003 |  | Meter Based Angle Adapter "elbow" | | | | |
|  | | | | MM004 |  | Dual Socket Adapter | | | | |
|  | | | | MM005 |  | Verify Meter Data | | | | |
|  | | | | MM006 |  | Tampering Suspected | | | | |
|  | | | | MM007 |  | Investigate or Verify Premise Type | | | | |
|  | | | | MT001 |  | Meter Test | | | | |
|  | | | | RC001 |  | Reconnect after Disconnect for Non-Pay | | | | |
|  | | | | RC002 |  | Reconnect for Customer Requested Clearance | | | | |
|  | | | | | | Disconnect for Customer Requested Clearance (DC002) and Reconnect for Customer Requested Clearance (RC002) may be sent to the TDSP at the same time to allow the TDSP to appropriately schedule both Disconnect and Reconnect request. | | | |
|  | | | | RC003 |  | Reconnect of Requested Suspension | | | | |
|  | | | | | | Used by CR to Reconnect after Disconnect for Non-Pay, Reconnect for Customer Requested Clearance or for a Reconnect after a Disconnect due to Tampering when the CR did not initiate the 650\_01 Disconnect for Non-Payment or Disconnect for Customer Clearance service request | | | |
|  | | | | RC004 |  | Reconnect after Disconnect for Denial of Access | | | | |
|  | | | | | | Used by the CR to request reconnection after a disconnection for denial of access to the meter. The CR is required to use the MTX to explain what the customer did to address the access issue. | | | |
|  | | | | RC005 |  | Reconnect after Tampering Disconnect | | | | |
|  | | | | RD001 |  | Special Out of Cycle Read | | | | |
|  | | | | RD002 |  | Re-Read/Potential Error | | | | |
|  | | | | SH001 |  | Add Payment Plan Switch Hold Indicator | | | | |
|  | | | | SH002 |  | Remove Payment Plan Switch Hold Indicator | | | | |
|  | | | | SH003 |  | Remove Tampering Switch Hold Indicator | | | | |
|  | | | | SL001 |  | Street Light - Lights Out | | | | |
|  | | | | SL002 |  | Street Light - Dim Light | | | | |
|  | | | | SL003 |  | Street Light - Light Hanging | | | | |
|  | | | | SL004 |  | Street Light - Pole Leaning | | | | |
|  | | | | SL005 |  | Street Light - Light On All Day | | | | |
|  | | | | SL006 |  | Street Light - Light Goes On and Off | | | | |
|  | | | | SL007 |  | Street Light - Install Shield | | | | |
|  | | | | SL008 |  | Street Light - Needs Tag | | | | |
|  | | | | SL009 |  | Street Light - Pole Paint | | | | |
|  | | | | SL010 |  | Street Light - Remove a Specific Lamp | | | | |
|  | | | | TE001 |  | Radio/TV Interference | | | | |
|  | | | | TE002 |  | EMF (Electro-Magnetic Field) | | | | |
|  | | | | TE003 |  | Investigate Transformer Leaking | | | | |
|  | | | | TE004 |  | Audible Interference | | | | |
|  | | | | TE005 |  | Power Quality | | | | |
|  | | | | TE006 |  | Tree Trimming | | | | |
|  | | | | TE007 |  | Right of Way Cut/Brush Clearing | | | | |
|  | | | | TE008 |  | Tree Removal or Cut Down Tree(s) | | | | |
|  | | | | TE009 |  | Mow Grass in Easement | | | | |
|  | | | | TE010 |  | Property Damaged by Tree Crew | | | | |
|  | | | | TE011 |  | Customer Complaint concerning Tree Crew work | | | | |

**Segment: REF Reference Identification (Pole Number)**

**Position:** 030

**Loop:** HL Mandatory

**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:** |  | HL Parent Loop (Service Order Level Information)  When requesting action on a specific meter on a multi-metered/un-metered ESI ID you must specify in REF~8X the appropriate purpose for the transaction and provide specific information in the REF~ADE for un-metered service request.  Pole numbers will only contain uppercase letters (A to Z) and digits (0 to 9). Note that punctuation (spaces, dashes, etc.) must be excluded, and leading and trailing zeros that are part of the meter number must be present. |
|  |  | Required if available for Street Lights. This segment may be repeated as many times as necessary to provide all pole numbers. |
|  |  | REF~ADE~1Z295820394820 |

**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 | | | | | | | |
|  | | | | ADE |  | Associated Property Number | | | | |
|  | | | | | | Pole 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 | | | | | | | |
|  | | | Pole Number | | | | | | | |

**Segment: REF Reference Identification (Meter Number)**

**Position:** 030

**Loop:** HL Mandatory

**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:** |  | HL Parent Loop (Service Order Level Information)  When requesting action on a specific meter on a multi-metered/un-metered ESI ID you must specify in REF~8X the appropriate purpose for the transaction and provide specific information in the REF~MG for meter service request.  Meter numbers will only contain uppercase letters (A to Z) and digits (0 to 9). Note that punctuation (spaces, dashes, etc.) must be excluded, and leading and trailing zeros that are part of the meter number must be present. |
|  |  | Meter Number is required on the following service order types:  Disconnect for Customer Requested Clearance (DC002)  Remove One Specific Meter on a Multi-Meter Premise/ESI-ID (DC003).  Meter Exchanges (ME0xx) All  Meter Maintenance (MM0xx) All  Reconnect for Customer Requested Clearance (RC002)  Special Out of Cycle Read (RD001)  Re-Read/Potential Error (RD002)  Meter Test (MT001)  Meter Number is Not Used on all other Service Orders. |
|  |  | REF~MG~394820R |

**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 | | | |
| **Must Use** | **REF02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | |
|  | | | Meter Number | | | | | | |

**Segment: REF Reference Identification (Priority Code)**

**Position:** 030

**Loop:** HL Mandatory

**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:** |  | HL Parent Loop (Service Order Level Information)  On their respective websites, each TDSP will provide a table showing the code and meaning of each Priority Code:  TDSP Priority Codes Used (02 - 99)  Priority Code 01 will always be "Standard" for all TDSPs  Service Orders to which each Priority Code applies  Timing requirements for Standard and Same-Day and/or Priority service request are identified in the TDSP's Tariff. |
|  |  | Required |
|  |  | REF~PH~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 | | | | | | | |
|  | | | | PH |  | Priority Rating | | | | |
|  | | | | | | Priority 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 | | | | | | | |
|  | | | | 01 |  | Priority 01 - This must be "standard" | | | | |
|  | | | | 02 |  | Priority 02 | | | | |
|  | | | | 03 |  | Priority 03 | | | | |
|  | | | | 04 |  | Priority 04 | | | | |
|  | | | | 05 |  | Priority 05 | | | | |
|  | | | | 06 |  | Priority 06 | | | | |
|  | | | | 07 |  | Priority 07 | | | | |
|  | | | | 08 |  | Priority 08 | | | | |
|  | | | | 09 |  | Priority 09 | | | | |
|  | | | | 10 |  | Priority 10 | | | | |
|  | | | | | | 11 - 99 Priority Codes may go as high as 99 | | | |

**Segment: REF Reference Identification (ESI ID)**

**Position:** 030

**Loop:** HL Mandatory

**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:** |  | HL Parent Loop (Service Order Level Information)  Required |
|  |  | REF~Q5~~10111111234567890ABCDEFGHIJKLMNOPQRS |

**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 | | | | | | | |
|  | | | | Q5 |  | Property Control Number | | | | |
|  | | | | | | Electric Service Identifier (ESI ID) | | | |
| **Must Use** | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | ESI ID | | | | | | | |

**Segment: REF Reference Identification (Membership ID)**

**Position:** 030

**Loop:** HL Mandatory

**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 in MOU/EC market. Otherwise, not used. |
|  |  | REF~1W~~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 | | | | | | | |
|  | | | | 1W |  | Membership Identification Number | | | | |
|  | | | | | | Membership Number or ID | | | |
| **Must Use** | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | Membership ID, account number or other value as assigned by the MOU/EC that positively identifies the end-use customer to the MOU/EC TDSP. Required if ESI ID is located in MOU/EC service territory. | | | | | | | |

**Segment: REF Reference Identification (Special Needs Indicator)**

**Position:** 030

**Loop:** HL Mandatory

**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:** |  | HL Parent Loop (Service Order Level Information)  Required  A "Y" in this field means that the customer is either:  · A residential customer who qualifies through the Residential Critical Care eligibility Determination Form, as issued by the PUCT.  Or  · A customer for whom electric service is considered crucial for the protection and maintenance of public safety pursuant to Subst. Rules §§25.52 and 25.53.  Or  · An industrial customer for whom an interruption or suspension of service will create a dangerous or life threatening condition at the customer's premise. |
|  |  | REF~SU~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 | | | | | | | |
|  | | | | SU |  | Special Processing Code | | | | |
|  | | | | | | Special Needs Indicator | | | |
| **Must Use** | **REF02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | | N |  | No | | | | |
|  | | | | | | Special Needs Not Required | | | |
|  | | | | Y |  | Yes | | | | |
|  | | | | | | Special Needs Required | | | |

**Segment: REF Reference Identification (Reason for Change)**

**Position:** 030

**Loop:** HL Mandatory

**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:** |  | HL Parent Loop (Service Order Level Information)  Multiple REF~TD are allowed  The REF~TD segment may repeat as many times as necessary to provide all change reasons. To ensure that the TDSP will execute the change for the requested date the DTM211 is required on all Change (Update) Service Request where BGN08 = "2" |
|  |  | Required on Change (Update) (BGN08 = "2") |
|  |  | REF~TD~DTM211  REF~TD~REFMG |

**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 | | | | | | | |
|  | | | | TD |  | Reason for Change | | | | |
| **Must Use** | **REF02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | | DTM211 |  | Change Service Requested Date | | | | |
|  | | | | DTM843 |  | Change Not Before Date/Time | | | | |
|  | | | | MTXACC |  | Change Access Instructions | | | | |
|  | | | | MTXRPT |  | Change Report Remarks | | | | |
|  | | | | N18R |  | Change Customer Information | | | | |
|  | | | | | | Includes customer name, customer contact name, and telephone number. | | | |
|  | | | | REFADE |  | Change Pole Number | | | | |
|  | | | | REFMG |  | Change Meter Number | | | | |
|  | | | | REFPH |  | Change Priority Code | | | | |
|  | | | | YNQCAL |  | Change Call Ahead | | | | |
|  | | | | YNQPDL |  | Change Premium Disconnect Location | | | | |

**Segment: DTM Date/Time Reference (Service Requested Date)**

**Position:** 050

**Loop:** HL Mandatory

**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:** |  | HL Parent Loop (Service Order Level Information)  If the date requested is within the standard time frame (Priority Code 01), the TDSP will work on that date if possible. If the TDSP cannot accomplish the task on that date, they will complete it within the standard time window for the service being requested as specified by the Tariff.  For customer requested clearance, the date requested by the CR must be adhered to by the TDSP if it is within the time specified by the tariff. |
|  |  | Required when Priority Code (REF~PH) is other than '01' Standard  Required on all Change (Update) when BGN08 = '2'  Not Used when BGN08 = C (Cancel)  Date cannot be greater than 90 days in the future from current date. If date is greater than 90 days from the current date the TDSP may reject service request. |
|  |  | DTM~211~20010601 |

**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 | | | | | | |
|  | | | | 211 |  | Service Requested | | | |
| **Must Use** | **DTM02** | **373** | **Date** | | | | **X** |  | **DT 8/8** | |
|  | | | Date expressed as CCYYMMDD | | | | | | |
|  | | | Date cannot be greater than 90 days in the future from current date | | | | | | |

**Segment: DTM Date/Time Reference (Not Before Date/Time)**

**Position:** 050

**Loop:** HL Mandatory

**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:** |  | HL Parent Loop (Service Order Level Information)  This segment is used to indicate that action should not be performed before the date and time provided. Date cannot be greater than 90 days in the future from current date. If date is greater than 90 days from the current date the TDSP may reject service request. |
|  |  | Disconnect for Clearance: Required if applicable  All others: Not Used |
|  |  | DTM~843~20010602  DTM~843~20010602~0800 |

**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 | | | | | | |
|  | | | | 843 |  | Not Before | | | |
| **Must Use** | **DTM02** | **373** | **Date** | | | | **X** |  | **DT 8/8** | |
|  | | | Date expressed as CCYYMMDD | | | | | | |
|  | | | Date cannot be greater than 90 days in the future from current date | | | | | | |
| **Dep** | **DTM03** | **337** | **Time** | | | | **X** |  | **TM 4/8** | |
|  | | | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | | | | | | |
|  | | | Used when requesting service to be performed at a specific time.  HHMM, where H = Hours (00 to 23) and M = Minutes (00 to 59) in Central Prevailing Time (CT). For this transaction, since X12 does not allow 2400 for time, 2359 will be used to indicate midnight. For example, midnight between October 15th and October 16th will be reflected as 2359 of October 15th. | | | | | | |

**Segment: YNQ Yes/No Question (Call Ahead)**

**Position:** 070

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

**Syntax Notes:** **1** Only one of YNQ01 YNQ09 or YNQ10 may be present.

**2** If either YNQ03 or YNQ04 is present, then the other is required.

**3** If YNQ09 is present, then YNQ08 is required.

**Semantic Notes:** **1** YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.

**2** YNQ10 contains a free-form question when codified questions are not available.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Service Order Level Information)  If YNQ02 Customer Call ahead = "Y" and the Purpose code in the REF-8X is equal to one of the codes listed below:  DC002 - Disconnect for Customer Requested Clearance  DC003 - Remove One Specific Meter on a Multi-Meter Premise/ESI ID  FI001 - Relocation of Service/Facilities  FI002 - Customer Request Information Only on Relocation of Services/Facilities  ME001 - Exchange with AMR (Automated Meter Read) Meter  ME002 - Exchange with OMR (Off-site Meter Read) Meter  ME003 - Exchange with IDR  ME004 - Exchange with TOU  ME005 - Exchange with Demand Meter  ME006 - Exchange with kVAR Meter  ME007 - Exchange with kWh Meter  ME008 - Exchange with Electrical Pulse Metering  ME009 - Exchange (like for like)  ME010 - Upgrade (Demand Capacity, Scale # of Dials)  ME011 - Damaged  ME013 - Optional IDR Removal  ME014 - Mandatory IDR Installation  MT001 - Meter Test  RC002 - Reconnect for Customer Requested Clearance  Customer Contact Name and Phone Number is required in the PER required when YNQ (Call Ahead) =Y |
|  |  | YNQ~~Y~~~~~~9~CAL |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **YNQ02** | **1073** | **Yes/No Condition or Response Code** | | | | **M** |  | **ID 1/1** | | |
|  | | | Code indicating a Yes or No condition or response | | | | | | | |
|  | | | | Y |  | Yes | | | | |
|  | | | | | | Call the customer before performing the work | | | |
| **Must Use** | **YNQ08** | **1270** | **Code List Qualifier Code** | | | | **X** |  | **ID 1/3** | | |
|  | | | Code identifying a specific industry code list | | | | | | | |
|  | | | | 9 |  | Indicator Code | | | | |
| **Must Use** | **YNQ09** | **1271** | **Industry Code** | | | | **X** |  | **AN 1/30** | | |
|  | | | Code indicating a code from a specific industry code list | | | | | | | |
|  | | | | CAL |  | Call Ahead | | | | |
|  | | | | | | Does this customer require a call before the work is to be performed? | | | |

**Segment: YNQ Yes/No Question (Friday Authorization for Overdue Disconnect for Non-Payment)**

**Position:** 070

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

**Syntax Notes:** **1** Only one of YNQ01 YNQ09 or YNQ10 may be present.

**2** If either YNQ03 or YNQ04 is present, then the other is required.

**3** If YNQ09 is present, then YNQ08 is required.

**Semantic Notes:** **1** YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.

**2** YNQ10 contains a free-form question when codified questions are not available.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Service Order Level Information)  Required when REF~8X (Purpose Code) = DC001 Disconnect for Non-Payment or DC005 Disconnect for Non-Pay for Charges associated to Tampering.  CR shall provide Yes (Y) or No (N) indicator to authorize the TDSP to Disconnect the premise for Non-Payment on a Friday when the disconnect was not executed within Tariff timelines (OVERDUE REQUEST ONLY).  All 'NO' for Friday Overdue Requests will be scheduled for the next business day by the TDSP. |
|  |  | YNQ~~Y~~~~~~9~DCF |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **YNQ02** | **1073** | **Yes/No Condition or Response Code** | | | | **M** |  | **ID 1/1** | | |
|  | | | Code indicating a Yes or No condition or response | | | | | | | |
|  | | | | N |  | No | | | | |
|  | | | | | | NO - CR Does Not Authorize Friday Disconnects for Non-Payment. Applies ONLY to Disconnect for Non-Payment (REF~8X = DC001 or DC005) requests that were not executed by the TDSP within Tariff timelines (OVERDUE REQUEST ONLY). | | | |
|  | | | | Y |  | Yes | | | | |
|  | | | | | | YES- CR Authorizes Friday Disconnects for Non-Payment. Applies ONLY to Disconnect for Non-Payment (REF~8X = DC001 or DC005) requests that were not executed by the TDSP within Tariff timelines (OVERDUE REQUEST ONLY) | | | |
| **Must Use** | **YNQ08** | **1270** | **Code List Qualifier Code** | | | | **X** |  | **ID 1/3** | | |
|  | | | Code identifying a specific industry code list | | | | | | | |
|  | | | | 9 |  | Indicator Code | | | | |
| **Must Use** | **YNQ09** | **1271** | **Industry Code** | | | | **X** |  | **AN 1/30** | | |
|  | | | Code indicating a code from a specific industry code list | | | | | | | |
|  | | | | DCF |  | Disconnect Non-Payment on Friday | | | | |
|  | | | | | | Friday Disconnect for Non-Payment Authorization when the disconnect was not executed within Tariff timelines (OVERDUE REQUEST ONLY) | | | |

**Segment: YNQ Yes/No Question (Premium Disconnect Location)**

**Position:** 070

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

**Syntax Notes:** **1** Only one of YNQ01 YNQ09 or YNQ10 may be present.

**2** If either YNQ03 or YNQ04 is present, then the other is required.

**3** If YNQ09 is present, then YNQ08 is required.

**Semantic Notes:** **1** YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.

**2** YNQ10 contains a free-form question when codified questions are not available.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Service Order Level Information) |
|  |  | Required only when the Segment REF Purpose Code REF02 equals DC001 (Disconnect Non-Pay.)  Not used with any other Segment REF Purpose Codes. |
|  |  | YNQ~~Y~~~~~~9~PDL |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **YNQ02** | **1073** | **Yes/No Condition or Response Code** | | | | **M** |  | **ID 1/1** | | |
|  | | | Code indicating a Yes or No condition or response | | | | | | | |
|  | | | | Y |  | Yes | | | | |
| **Must Use** | **YNQ08** | **1270** | **Code List Qualifier Code** | | | | **X** |  | **ID 1/3** | | |
|  | | | Code identifying a specific industry code list | | | | | | | |
|  | | | | 9 |  | Indicator Code | | | | |
| **Must Use** | **YNQ09** | **1271** | **Industry Code** | | | | **X** |  | **AN 1/30** | | |
|  | | | Code indicating a code from a specific industry code list | | | | | | | |
|  | | | | MTR |  | Meter Disconnect Only | | | | |
|  | | | | | | Indicates that the CR will not pay for a premium disconnect location charge if service cannot be terminated at the meter. | | | |
|  | | | | PDL |  | Premium Disconnect Location | | | | |
|  | | | | | | Indicates that the CR will only pay for a premium disconnect location charge. | | | |
|  | | | | ROL |  | Roll to Other Location | | | | |
|  | | | | | | Indicates that the CR will pay for a premium disconnect location charge if service cannot be terminated at the meter. | | | |

**Segment: MTX Text (Directions)**

**Position:** 250

**Loop:** MTX Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify textual data

**Syntax Notes:** **1** If MTX01 is present, then MTX02 is required.

**2** If MTX03 is present, then MTX02 is required.

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Service Order Level Information)  Required if directions add value to the Service Order. |
|  |  | MTX~ACC~9 MILES FROM SQUARE ON HWY 243 ON RIGHT |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **MTX01** | **363** | **Note Reference Code** | | | | **O** |  | **ID 3/3** | | |
|  | | | Code identifying the functional area or purpose for which the note applies | | | | | | | |
|  | | | | ACC |  | Access Instructions | | | | |
|  | | | | | | Directions | | | |
| **Must Use** | **MTX02** | **1551** | **Message Text** | | | | **X** |  | **AN 1/4096** | | |
|  | | | To transmit large volumes of message text | | | | | | | |
|  | | | Message Text not to exceed 80 characters total. | | | | | | | |

**Segment: MTX Text (Comments)**

**Position:** 250

**Loop:** MTX Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify textual data

**Syntax Notes:** **1** If MTX01 is present, then MTX02 is required.

**2** If MTX03 is present, then MTX02 is required.

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | HL Parent Loop (Service Order Level Information)  Required if comments add value to the Service Order.  Required when REF~8X = RC004 (Reconnect after Disconnect for Denial of Access) to provide TDSP with Customer's permanent resolution for denial of access. |
|  |  | MTX~RPT~PLS WORK NO SOONER THAN AUG 10 AND NO LATER THAN AUG 15. WARNING - IRATE CUST. |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **MTX01** | **363** | **Note Reference Code** | | | | **O** |  | **ID 3/3** | |
|  | | | Code identifying the functional area or purpose for which the note applies | | | | | | |
|  | | | | RPT |  | Report Remarks | | | |
| **Must Use** | **MTX02** | **1551** | **Message Text** | | | | **X** |  | **AN 1/4096** | |
|  | | | To transmit large volumes of message text | | | | | | |
|  | | | Message Text not to exceed 80 characters total. | | | | | | |

**Segment: SE Transaction Set Trailer**

**Position:** 290

**Loop:**

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

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

**Syntax Notes:**

**Semantic Notes:**

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

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | SE~13~000000001 |

**Data Element Summary**

**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 | | | |