**Texas**

**Standard**

**Electronic**

**Transaction**

**814\_28:**

##### Complete Unexecutable or Permit Required

Electronic Data Interchange

ANSI ASC X12 Ver/Rel 004010

Transaction Set 814

**Texas 814\_28:**

Complete Unexecutable or Permit Required

This transaction Set is for Move-Ins where a Permit is required or for Switches, Move-Ins and Move-Outs where the CR’s request cannot be completed for some reason (Completed Unexecutable).

* For a Switch where the TDSP is unable to complete the Switch request because of one of the reasons listed in the REF~G7 Complete Unexecutable Reason.
* This transaction is from the TDSP to ERCOT, from ERCOT to the New CR and the Current CR to notify the New CR and Current CR that the Switch request was Completed Unexecutable.
* Once the TDSP sends this transaction to ERCOT to notify the New and Current CR of the Completed Unexecutable reason, the TDSP will close the business process instance for the initiating transaction.
* The New CR and/or Customer must complete some action in order that a subsequent Switch request can be submitted to the TDSP.
* For a Move-Out, this transaction is from the TDSP to ERCOT and from ERCOT to the Current CR (and also the CSA CR if the premise had an active CSA agreement and has received notification for the Move Out to CSA), to notify the Current CR that the Move-Out was Completed Unexecutable due to one of the reasons listed in the REF~G7.
* Once the TDSP sends this transaction to ERCOT to notify the Current CR of the Completed Unexecutable reason, the TDSP will close the business process instance for the initiating transaction.
* The Current CR and/or Customer must complete some action in order that a subsequent Move-Out request can be submitted to the TDSP.
* For a Move-In, where the TDSP is unable to complete the Move-In request because of one of the reasons listed in the REF~7G Complete Unexecutable Reason.
* This transaction is from the TDSP to ERCOT and from ERCOT to the New CR (and also the Current CR if the Move-In was for an energized premise and the Current CR has received notification of the Move-In), to notify the New CR that the Move-In request was Completed Unexecutable.
* Once the TDSP sends this transaction to ERCOT to notify the New CR of the Completed Unexecutable reason, the TDSP will close the business process instance for the initiating transaction.
* The New CR and/or Customer must complete some action in order that a subsequent Move-In request can be submitted to the TDSP.
* For a Move-In when a permit is required
* This transaction is from the TDSP to ERCOT and from ERCOT to the New CR to notify the New CR that a permit is required.
* Once the TDSP sends this transaction to ERCOT to notify the New CR that a Permit is Required, ERCOT will separately track the 20-Business Day non-response for the 814\_04 due to permit requirements.
* After the 20-Business Day non-response for the 814\_04, ERCOT will then issue an 814\_08 Cancel. If the Move-In is cancelled due to permit not received, ERCOT will note this reason in the 814\_08 transaction.

Document Flow:

* TDSP to ERCOT
* ERCOT to Current CR for a Move-Out
* ERCOT to CSA CR for a Move Out with an Active CSA
* ERCOT to Current CR for a Move-In on an energized account
* ERCOT to New CR for a Move-In
* ERCOT to New CR for a Switch
* ERCOT to Current CR for a Switch

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 |
| June 17th, 2002  Version 1.5 |  | Initial Release  Change Control # 2002-248 Develop transaction 28/29 per RMS. |
| 8/5/02 |  | * Ref Changes control 2002-356   Correct usage in ANSI X12 Header of the transaction 814\_28 Removed (Must Use) in several segments.  Correct Summary of Change page, Gray box changes to the BGN06 and BGN07 to clarify use of the Codes.  Removed N103 code (9) in N1~AY for ERCOT. Moved gray box on N1~SJ where N106=40.  Corrected Gray box on LIN header.(blank lines) and added (Must Use) to LIN06 and LIN07, Gray box for LIN07=MVO  To correct the ASI 814\_28 to use for move-outs and move-ins. Not to be used for switches. Also, will make the 814\_28 and 814\_29 consistent.  Correct the Gray box for the REF~G7.  Correct the REF~SU REF02=N (No-Not Special Needs) should be just (No)  Change Date to reflect the redline release date. |
| 9/15/02 |  | Change Control 2002-361 – Clarification: The 814\_28 can be used with CSA & Move Outs |
|  |  | Change Control 2002-374 – Updated examples to include the BGN.07 |
|  |  | Change Control 2002-385 – Updated LIN elements 06 & 07 to MUST USE |
|  |  | Change Control 2002-387 – Removed reference to “DUNS + 4” in the N1~AY |
| May 29th, 2003  Version 1.6 |  | The following changes were made |
|  |  | Change Control 2002-470 Update examples in LIN segment Notes Gray Box to match required fields. |
|  |  | Change Control 2003-473 Add the N1~8R Loop to examples at that back of the EDI Implementation Guide. |
| July 21st, 2003  Version 2.0 |  |  |
| 8/15/2003 |  | Change Control 2003-541 - Add REF~2U segment to 814\_28 transaction for use on Permit Required transactions to indicate the nature of the permit; either “Tenant” or “Premise” |
| 8/15/03 |  | Change Control 2003-547 – Please include the Move-In/Move-Out Task Force (MIMO) High Level Requirement Specification as part of the Baseline for Version 2.0. |
| October 8, 2004  Version 2.0A |  | Change Control 2004-634:   * As per discussions at the June 04 TX SET meeting, additional language should be added to each Transaction Set to identify the requirements and required response to the 997 Functional acknowledgement – 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.” |
| March 1, 2005  Version 2.1 |  | Change Control 2003-517:   * Existing Table codes inadequate for providing CR and end use customer reasons for TDSP’s “Complete Unexecutable”   Change Control 2003-569:   * Provide gray box clarification to the LIN segment to indicate that the Texas Market supports only 1 LIN loop per EDI Transaction.   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 2006-692:   * Create transactional process for handling a CR to CR Mass Transition to reduce and/or eliminate the manual processes currently required to transition ESI IDs during a Mass Transition. * Add new complete unexecutable code of ‘T021’ “Competitive Retailer in Default” to the REF~G7.   Change Control 2006-694:   * ERCOT validation is allowing only 5 or 9 digits in the customer service address zip segment. ANSI validation on the segment is 3 to 15 characters. Updated so that Market Participants know that only 5 or 9 digits can be submitted in this field. |
| November 30, 2010  Version 3.0A |  | Change Control 2007-711:   * Add clarification to the summary section of the 814\_28 Implementation Guide.   Change Control 2009-729:   * Remove all examples from the TX SET Implementation guides and post them into a separate document 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 11, 2012  Version 4.0 |  | Change Control 2010-745:   * Add the ability for a TDSP to Complete Unexecutable a Switch   Change Control 2010-751:   * Adding new codes Force Majeure Event (FME) and Weather Moratorium (WTM)   Change Control 2010-766:   * In order to provide codes that are more specific than "Other" with a text explanation, TX SET shall add a new code T023 to the REF~G7 for Move Out treated as a force off due to Move In scheduled for same date.   Change Control 2010-770:   * New code needed for clarification of Complete Unexecutable situations when the TDSP places a Switch Hold on an ESIID preventing completion of a MVI or Switch.   Change Control 2011-779:   * This Change Control appends to 2010-748 to sync up the transaction names due to being inadvertently left out.   Change Control 2010-785:   * Adding new Complete Unexecutable Reason Competing Transaction Scheduled for the Same date (TCC) |
| November 2, 2020  Version 4.0A |  | Change Control 2020-811:   * Administrative updates to the TX SET Guides in order to reflect actual transaction processing. Changes included limiting number of REF segments, clarification for punctuation and clarification of ESI ID format.   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.   Change Control 2020-824   * Update to the TX SET Guides for the N2 and N3 to only allow one per loop |
| TBD  Version 5.0 |  | Change Control 2020-818   * Add J009, S004 and U007 codes to the REF~G7 as a result of the market recommendations following Hurricane Harvey   Change Control 2021-834   * Add specific Unexecutable codes (J010 and J011) to provide detailed explanations rather than just "T018" for turndowns associated with unapproved Distributed Generation equipment or Auto Transfer Switch and/or no signed Interconnection Agreement received by TDSP   Change Control 2021-836   * Add clarification to all name fields that the use of a comma is only valid when associated with a customer name. Name fields with only a comma or other one character punctuation will be rejected. |

**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

1/80 = Minimum 1, Maximum 80

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.

**814 General Request, Response or Confirmation**

ANSI ASC X12 Structure

**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 |  | n1 |  |  |  |  |  |  |

**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 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M | 150 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Notes**

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

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~814~000000001 |

**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 | | | | | | |
|  | | | | 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 | | | | | | |

**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~13~200104021956531~20010402~~~200104011956531~PT~28 |

**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. | | | | | | | |
| **Must Use** | **BGN06** | **127** | **Reference Identification** | | | | **O** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | Refers to the BGN06 either of the originating Switch CR Notification Request 814\_03 (LIN07 or LIN09 = MVI), or the Move-Out Request 814\_24. | | | | | | | |
| **Must Use** | **BGN07** | **640** | **Transaction Type Code** | | | | **O** |  | **ID 2/2** | | |
|  | | | Code specifying the type of transaction | | | | | | | |
|  | | | | 09 |  | Co-op Actual | | | | |
|  | | | | | | Completed Unexecutable. | | | |
|  | | | | | | This completes and closes the initiating 814\_03 or 814\_24 request. | | | |
|  | | | | PT |  | Plan-to-plan Transfer | | | | |
|  | | | | | | Permit Required. | | | |
|  | | | | | | This is a notification only, and does not close out the initiating 814\_03 request.  This Code (PT) is not intended and should not be used for a Move-Out (LIN07 or LIN09 = MVO) or Switch (LIN07 or LIN09 = SW) received by the TDSP in an 814\_03. | | | |
| **Must Use** | **BGN08** | **306** | **Action Code** | | | | **O** |  | **ID 1/2** | | |
|  | | | Code indicating type of action | | | | | | | |
|  | | | This segment is used to initially identify the type of 814 that is being sent or received. Ignore the ANSI X12 definition of the code. | | | | | | | |
|  | | | | 28 |  | Change Phone Number | | | | |
|  | | | | | | Indicates TX SET Transaction 814\_28 | | | |

**Segment: N1 Name (Customer)**

**Position:** 040

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

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

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

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

**Semantic Notes:**

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

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

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | Name fields shall contain commas only when associated with a valid Customer Name. (Last Name, First Name)  Name fields that are populated with only a comma(s) or any one character punctuation shall be considered invalid and will be rejected by ERCOT and the TDSP. |
|  |  | N1~8R~CUSTOMER  N1~8R~X |

**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 | | | | | | | |
|  | | | This name field must be used in order to populate the service address in N3 and N4. The sender can determine what they put in this field. | | | | | | | |

**Segment: N3 Address Information (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.  Only one N3 will be sent per N1~8R Customer loop. |
|  |  | N3~123 N MAIN ST~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:** 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. The first 5 characters will be used for validation against service zip stored at ERCOT. |
|  |  | 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 | | | |
|  | | | Uppercase letters A to Z | | | |
| **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. Only 5 or 9 digits allowed. | | | |

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

**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~TDSP COMPANY~1~007909411 (ERCOT to CR)  N1~8S~TDSP COMPANY~1~007909411~~41 (TDSP to ERCOT) |

**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 | | | | | | | |
| **Dep** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | Required if TDSP is the sender, otherwise not used. | | | | | | | |
|  | | | | 41 |  | Submitter | | | | |

**Segment: N1 Name (ERCOT)**

**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~AY~ERCOT~1~183529049~~41 (ERCOT to CR)  N1~AY~ERCOT~1~183529049~~40 (TDSP to ERCOT) |

**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 | | | | | | | |
|  | | | | AY |  | Clearinghouse | | | | |
|  | | | | | | ERCOT | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | ERCOT 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 | | | | | | | |
|  | | | ERCOT D-U-N-S 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 | | | | |
|  | | | | 41 |  | Submitter | | | | |

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

**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~CR NAME~1~007909422~~40 (ERCOT to CR)  N1~SJ~CR NAME~1~007909422 (TDSP to ERCOT) |

**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 | | | | | | | |
| **Dep** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 40 |  | Receiver | | | | |
|  | | | | | | Required if CR is the receiver, otherwise not used. | | | |

**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 1 LIN Loop per EDI transaction is accepted in the Texas Market |
|  |  | LIN~1~SH~EL~SH~CE~SH~MVI  Completed Unexecutable or Permit Required associated with a move-in.  LIN~1~SH~EL~SH~CE~SH~MVO  Completed Unexecutable associated with a move-out.  LIN~1~SH~EL~SH~CE~SH~SW  Completed Unexecutable associated with a switch. |

**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) | | | | | | | |
|  | | | | SH |  | Service Requested | | | | |
| **Must Use** | **LIN03** | **234** | **Product/Service ID** | | | | **M** |  | **AN 1/48** | | |
|  | | | Identifying number for a product or service | | | | | | | |
|  | | | Commodity | | | | | | | |
|  | | | | 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 |  | Energy Services | | | | |
|  | | | | | | Indicates that this transaction relates to CR Services. | | | |
| **Must Use** | **LIN06** | **235** | **Product/Service ID Qualifier** | | | | **X** |  | **ID 2/2** | | |
|  | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | | | | |
|  | | | | SH |  | Service Requested | | | | |
| **Must Use** | **LIN07** | **234** | **Product/Service ID** | | | | **X** |  | **AN 1/48** | | |
|  | | | Identifying number for a product or service | | | | | | | |
|  | | | | MVI |  | Move-in | | | | |
|  | | | | | | Used when requesting a permit or completing unexecutable. | | | |
|  | | | | MVO |  | Move-out | | | | |
|  | | | | | | Used when completing unexecutable. | | | |
|  | | | | SW |  | Special Read for Switch | | | | |
|  | | | | | | Used when completing unexecutable. | | | |

**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:** |  | Identifies the action to be taken or the status of a requested action for the service identified in the LIN segment. |
|  |  | Required  ASI01 may be 9 or PT for a LIN07 of MVI.  ASI01 may only be 9 for a LIN07 of MVO.  ASI01 may only be 9 for a LIN07 of SW. |
|  |  | ASI~9~021  If ASI01 is PT, ASI02 must always be 021 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **ASI01** | **306** | **Action Code** | | | | **M** |  | **ID 1/2** | | |
|  | | | Code indicating type of action | | | | | | | |
|  | | | | 9 |  | Not Capable of Taking Action | | | | |
|  | | | | | | Completed Unexecutable | | | |
|  | | | | | | This completes and closes the initiating 814\_03 or 814\_24 request | | | |
|  | | | | PT |  | Proposal Trace | | | | |
|  | | | | | | Permit Required | | | |
|  | | | | | | This is a notification only. The service requested is placed in a pending status awaiting the Inspection Permit of jurisdiction. | | | |
| **Must Use** | **ASI02** | **875** | **Maintenance Type Code** | | | | **M** |  | **ID 3/3** | | |
|  | | | Code identifying the specific type of item maintenance | | | | | | | |
|  | | | | 002 |  | Delete | | | | |
|  | | | | | | Move-Out | | | |
|  | | | | 021 |  | Addition | | | | |
|  | | | | | | Move-In | | | |
|  | | | | 101 |  | Servicer Change | | | | |
|  | | | | | | Switch CR Notification | | | |

**Segment: REF Reference Identification (Tenant Permit Indicator)**

**Position:** 030

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

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

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

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

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

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required when BGN07 = 'PT'  Not used when BGN07 = '09'  Only one REF~2U will be sent per transaction. |
|  |  | REF~2U~TENANT |

**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 | | | | | | | |
|  | | | | 2U |  | Payer Identification Number | | | | |
|  | | | | | | Permit Party 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 | | | | | | | |
|  | | | | PREMISE |  | Permit required for Premise. | | | | |
|  | | | | TENANT |  | Permit required for Tenant | | | | |
|  | | | | UNKNOWN |  | Unable to determine permit type | | | | |

**Segment: REF Reference Identification (Complete Unexecutable Reason)**

**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 when ASI01 = 9 (Completed Unexecutable), otherwise not used. |
|  |  | If codes containing "T018", "S004", "U007" or "000" are used, an explanation is required in REF03. Otherwise, the REF03 is optional. |
|  |  | REF~G7~A000~OTHER WEATHERHEAD REASON  REF~G7~B003~NONE INSTALLED  REF~G7~B003 |

**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 | | | | | | | |
|  | | | | G7 |  | Resubmission Reason Code | | | | |
|  | | | | | | Completed Unexecutable | | | |
| **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 | | | | | | | |
|  | | | | A000 |  | ===== WEATHERHEAD (SERVICE OUTLET) ===== | | | | |
|  | | | | A001 |  | Need Meter Loop and Outlet Installed | | | | |
|  | | | | A002 |  | Need fiber spacer for service entrance conductors | | | | |
|  | | | | A003 |  | Need weatherhead on conduit above meter base | | | | |
|  | | | | A004 |  | Fiber wire spacer protector broken in weatherhead | | | | |
|  | | | | A005 |  | Screws holding head in place broken off or threads stripped | | | | |
|  | | | | A006 |  | Exceeds 25' above finished grade | | | | |
|  | | | | A007 |  | Damaged Meter Loop | | | | |
|  | | | | A008 |  | Needs clamps at Weatherhead | | | | |
|  | | | | B000 |  | ===== POINT OF ATTACHMENT ===== | | | | |
|  | | | | B001 |  | Too close to window, door or porch, needs to be 3' away | | | | |
|  | | | | B002 |  | Point of attachment over 3' above roof without guy or bracing | | | | |
|  | | | | B003 |  | None Installed | | | | |
|  | | | | B004 |  | Drop attachment. Too far from service outlet, should be within 18" of drop | | | | |
|  | | | | B005 |  | Anchorage not sufficient to support drop cable - 300 lb pull of service drops | | | | |
|  | | | | B006 |  | Need penta or creosote treated pole, or a 4" x 6" timber for permanent service | | | | |
|  | | | | B007 |  | Temporary meter pole needs bracing to withstand 300 lb. pull of service drops | | | | |
|  | | | | B008 |  | Meter pole not set deep enough to support drops and withstand 300 lb pull of service drops | | | | |
|  | | | | B009 |  | Pole not of proper height over driveway. Need 12' vertical clearance above finished grade, over residential driveways | | | | |
|  | | | | B010 |  | Service attachment needs to be higher for driveway, alleys, roads and streets | | | | |
|  | | | | B011 |  | Unable to get drop attachment high enough to get clearance from low point of sag in service cable, over sidewalk, porch or platform | | | | |
|  | | | | B012 |  | Need bracket on the service mast for attaching service rack | | | | |
|  | | | | B013 |  | Requires secondary rack | | | | |
|  | | | | B014 |  | Exceeds service drop distance | | | | |
|  | | | | B015 |  | No Meter Pole | | | | |
|  | | | | B016 |  | Does not have 12" clearance from SWBT, Cable TV, etc. cables | | | | |
|  | | | | C000 |  | ===== LINE CONDUIT ===== | | | | |
|  | | | | C001 |  | Should not be water pipe fittings | | | | |
|  | | | | C002 |  | Water pipe not allowed for service outlet conduit | | | | |
|  | | | | C003 |  | Service outlet conduit not sufficiently clamped to building | | | | |
|  | | | | C004 |  | Two inch G.I. or I.M.C. or three inch aluminum conduit required for mast head | | | | |
|  | | | | C005 |  | Electrical junction boxes not sealable type | | | | |
|  | | | | D000 |  | ===== LINE OF CONDUCTORS ===== | | | | |
|  | | | | D001 |  | Service entrance conductors not identified | | | | |
|  | | | | D002 |  | Line wire of wrong type insulation | | | | |
|  | | | | D003 |  | Line wires too short to reach lugs in meter can | | | | |
|  | | | | D004 |  | Wires from service outlet too short for TDSP to connect drops | | | | |
|  | | | | D005 |  | No line wires in service outlet | | | | |
|  | | | | D006 |  | Bare aluminum neutral conductor in meter loop | | | | |
|  | | | | E000 |  | ===== METER BASE ===== | | | | |
|  | | | | E001 |  | Improperly mounted on pole. Too low or too high. | | | | |
|  | | | | E002 |  | Un-used holes in meter base not close up or covered | | | | |
|  | | | | E003 |  | No neutral connector in meter base | | | | |
|  | | | | E004 |  | Meter base improperly mounted. Upside down. | | | | |
|  | | | | E005 |  | Need 125 amp meter base to match customers wire size | | | | |
|  | | | | E006 |  | Need 200 amp meter base to match customers wire size | | | | |
|  | | | | E007 |  | Customer wired for current transformer installation. Refer to primary meter man. | | | | |
|  | | | | E008 |  | Foreign type of meter base, TDSP does not have equipment to fit it | | | | |
|  | | | | E009 |  | Gang type meter socket base not completely wired | | | | |
|  | | | | E010 |  | No cover on meter base | | | | |
|  | | | | E011 |  | Meter base mounted too high above finished grade ground level, should be 5' to 6' | | | | |
|  | | | | E012 |  | Residential meter socket, need commercial | | | | |
|  | | | | E013 |  | Meter socket base not level | | | | |
|  | | | | E014 |  | Ground in meter can | | | | |
|  | | | | E015 |  | Meter base needs to be replaced | | | | |
|  | | | | E016 |  | Customer not ready | | | | |
|  | | | | E017 |  | Faceplate need Tamper Proof lid | | | | |
|  | | | | F000 |  | ===== CUSTOMER'S NEUTRAL WIRE ===== | | | | |
|  | | | | F001 |  | Must be electronically continuous inside socket base | | | | |
|  | | | | F002 |  | Conductors unidentified in service entrance conductors. Must be white, bare or gray. | | | | |
|  | | | | F003 |  | All 3 phase wires must be identified | | | | |
|  | | | | F004 |  | Uninsulated aluminum conductor | | | | |
|  | | | | F005 |  | Bonding conductor for 480 volt, 3 wire service must be a minimum of #6 copper or equivalent and must be insulated | | | | |
|  | | | | G000 |  | ===== LOAD CONDUIT ===== | | | | |
|  | | | | G001 |  | Customer used water pipe nipple going to switch box. Need water tight conduit. | | | | |
|  | | | | G002 |  | No bushing on conduit from meter base. Weather proof entrance fitting. | | | | |
|  | | | | H000 |  | ===== CUSTOMER'S LOAD CONDUCTORS ====== | | | | |
|  | | | | H001 |  | Exceeds ampacity of meter socket | | | | |
|  | | | | H002 |  | Has the wrong type of insulation | | | | |
|  | | | | H003 |  | No wires in load side of meter box | | | | |
|  | | | | J000 |  | ===== SWITCH BOX ===== | | | | |
|  | | | | J001 |  | Holes in customers switch box not used or closed. Bare wires and connections exposed. | | | | |
|  | | | | J002 |  | No ground connector attached to box | | | | |
|  | | | | J003 |  | Inside main switch box mounted outside. Must have water tight connections between meter base and switch box | | | | |
|  | | | | J004 |  | No cover on breaker box. Lighted connections exposed to public. | | | | |
|  | | | | J005 |  | Load wires still energized from backfeed. | | | | |
|  | | | | J006 |  | Neutral connection must be electrically continuous and not fused | | | | |
|  | | | | J007 |  | Main switch inside premises are unable to relieve load from loop | | | | |
|  | | | | J008 |  | Need main breaker if over 6 breakers | | | | |
|  | | | | J009 |  | Distributed Generation (DG) Premise Requires ATS and Signed Interconnection Agreement | | | | |
|  | | | | | | TDSP requires Automatic Transfer Switch (ATS) Installed and/or TDSP requires Customer's signed Interconnection Agreement. | | | |
|  | | | | J010 |  | Auto Transfer Switch (ATS) Not Approved | | | | |
|  | | | | | | Emergency Back-Up Generator(s) (with open transition) that have not received a Design Approval for the installation. | | | |
|  | | | | J011 |  | Distributed Generation (DG) Auto Transfer Switch (ATS) Disconnect Not Approved | | | | |
|  | | | | | | For Inverter(s), Synchronous Generator(s) or Induction Generator(s) that parallel with the Utility Grid (that are closed transition) and have not received Design Approval for the installation. | | | |
|  | | | | K000 |  | ===== GROUNDING ELECTRODE CONDUCTORS ===== | | | | |
|  | | | | K001 |  | Grounding electrode conductor not sized in accordance with table 250-94 of NEC | | | | |
|  | | | | K002 |  | Where used outside, aluminum or copper clad aluminum conductors shall not be installed within 18" of earth. | | | | |
|  | | | | K003 |  | Grounding electrode conductor not securely fastened to the premises below the meter can | | | | |
|  | | | | K004 |  | No grounding electrode conductor installed | | | | |
|  | | | | K005 |  | Grounding electrode conductor not attached to ground rod with approved clamp | | | | |
|  | | | | K006 |  | Has aluminum grounding electrode conductor in direct contact with a masonry or earth | | | | |
|  | | | | K007 |  | Grounding electrode conductor must go from switch box to ground rod | | | | |
|  | | | | L000 |  | ===== GROUND CONDUIT OR ARMORED CABLE ===== | | | | |
|  | | | | L001 |  | Not attached to switch box with water tight connector | | | | |
|  | | | | L002 |  | Not bonded to ground rod | | | | |
|  | | | | L003 |  | Not attached to switch box | | | | |
|  | | | | L004 |  | Not secure to building or pole | | | | |
|  | | | | M000 |  | ===== GROUND CLAMP ===== | | | | |
|  | | | | M001 |  | Unapproved ground clamp | | | | |
|  | | | | M002 |  | No ground clamp | | | | |
|  | | | | N000 |  | ===== GROUND ROD ===== | | | | |
|  | | | | N001 |  | Must be at least 3/4" galvanized pipe | | | | |
|  | | | | N002 |  | Steel rod must be 5/8" minimum diameter | | | | |
|  | | | | N003 |  | Rod or pipe must be 8' deep | | | | |
|  | | | | N004 |  | No Ground Rod | | | | |
|  | | | | P000 |  | ===== PERMITS ===== | | | | |
|  | | | | P001 |  | No permit | | | | |
|  | | | | P002 |  | Needs city inspection | | | | |
|  | | | | Q000 |  | ===== CONSTRUCTION ===== | | | | |
|  | | | | Q001 |  | TDSP construction required | | | | |
|  | | | | Q002 |  | Customer needs to meet electrician | | | | |
|  | | | | Q003 |  | Need house or apartment numbers permanently identified | | | | |
|  | | | | Q004 |  | Corrections not made from previous turndown | | | | |
|  | | | | Q005 |  | Drops would trespass other's property | | | | |
|  | | | | Q006 |  | Unable to determine meter base location | | | | |
|  | | | | Q007 |  | Customer needs to bore (ex. driveway, sidewalk, etc....) | | | | |
|  | | | | Q008 |  | Service path obstructed (ex. building materials, dirt, fence, etc....) | | | | |
|  | | | | Q009 |  | No equipment access (ex. need 5' to 10' wide path) | | | | |
|  | | | | Q010 |  | Needs grade work | | | | |
|  | | | | Q011 |  | Customer owned utilities not located (ex. water, sewer, gas, etc...) | | | | |
|  | | | | Q012 |  | Customer installed conduit insufficient, does not meet TDSP specifications | | | | |
|  | | | | R000 |  | ===== UNDERGROUND SERVICE DROPS OWNED BY CUSTOMER ===== | | | | |
|  | | | | R001 |  | Service drop not installed | | | | |
|  | | | | R002 |  | URD drops too short | | | | |
|  | | | | R003 |  | URD ditch not covered | | | | |
|  | | | | R004 |  | URD drops not run to the proper point (small notch "V" of the transformer pad) | | | | |
|  | | | | R005 |  | Wrong type of URD meter can | | | | |
|  | | | | R006 |  | Unapproved wire for underground | | | | |
|  | | | | R007 |  | URD service conductors not deep enough | | | | |
|  | | | | R008 |  | Drops need to be dug within 12" of transformer on pad. Must be clear to open transformer. | | | | |
|  | | | | R009 |  | Underground drops cut in two | | | | |
|  | | | | R010 |  | T-Saw pole not 4 feet from front of transformer on pad. Must be clear to open transformer. | | | | |
|  | | | | R011 |  | T-Saw pole not 3 feet from rear of transformer | | | | |
|  | | | | R012 |  | P.V.C. or conduit elbow not deep enough | | | | |
|  | | | | R013 |  | No P.V.C. or conduit elbow | | | | |
|  | | | | R014 |  | No line conduit installed | | | | |
|  | | | | R015 |  | Meter pole set in easement | | | | |
|  | | | | S000 |  | ===== CUT-INS/CUT-OUTS ===== | | | | |
|  | | | | S001 |  | Inside trouble on customer side | | | | |
|  | | | | S002 |  | Weatherhead pulled from house or broken | | | | |
|  | | | | S003 |  | Cannot cut-out at pole, MD, Weatherhead, or remove meter and drops | | | | |
|  | | | | S004 |  | Service Standards Clearance Violation(s) | | | | |
|  | | | | | | Requires explanation in REF03 | | | |
|  | | | | T000 |  | ===== MISCELLANEOUS ===== | | | | |
|  | | | | T001 |  | Business Closed/Customer not home | | | | |
|  | | | | T002 |  | Meter inside, building locked | | | | |
|  | | | | T003 |  | Bad Dog | | | | |
|  | | | | T004 |  | High fence, locked gate | | | | |
|  | | | | T005 |  | Electrician needs to meet with TDSP meter man | | | | |
|  | | | | T006 |  | Customer needs to trim trees | | | | |
|  | | | | T007 |  | No breakers | | | | |
|  | | | | T008 |  | Customer's facilities under secondary and primary | | | | |
|  | | | | T009 |  | Meter blocked | | | | |
|  | | | | T010 |  | Meter in wall | | | | |
|  | | | | T011 |  | Voided per customer | | | | |
|  | | | | | | Cannot be used for Disconnect Non-Pay | | | |
|  | | | | T012 |  | Re-schedule per customer | | | | |
|  | | | | | | Cannot be used for Disconnect Non-Pay | | | |
|  | | | | T013 |  | Meter Damaged | | | | |
|  | | | | T014 |  | No Meter | | | | |
|  | | | | T015 |  | Muddy Road | | | | |
|  | | | | T016 |  | High Water | | | | |
|  | | | | T017 |  | Customer Requested Clearance - Unable to do work on date requested | | | | |
|  | | | | T018 |  | Other | | | | |
|  | | | | | | Requires explanation in REF03 | | | |
|  | | | | T019 |  | Tampering | | | | |
|  | | | | T021 |  | Competitive Retailer in Default | | | | |
|  | | | | T022 |  | Force Majeure Event | | | | |
|  | | | | T023 |  | Move-Out transaction (814\_24) was treated as a force off since (814\_03) Move-In transaction received by the TDSP was scheduled for the same date. | | | | |
|  | | | | T024 |  | Switch or Move-In Request cannot be completed due to Switch Hold recently applied to this ESI ID | | | | |
|  | | | | T025 |  | Competing Transaction Scheduled for Same Date | | | | |
|  | | | | U000 |  | ===== UNSAFE CONDITIONS ===== | | | | |
|  | | | | U001 |  | Exposed wires | | | | |
|  | | | | U002 |  | Jumpers in breaker box | | | | |
|  | | | | U003 |  | Insects | | | | |
|  | | | | U004 |  | Excessive debris | | | | |
|  | | | | U005 |  | Irate Customer | | | | |
|  | | | | U006 |  | Backfeed on load side jaws | | | | |
|  | | | | U007 |  | Service Standards Clearance Violation | | | | |
|  | | | | | | Requires explanation in REF03 | | | |
| **Dep** | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | Used to further describe the status reason code sent in REF02. Required when REF02 = "T018", "S004", "U007" or when the code contains "000". Otherwise, optional. | | | | | | | |

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

**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  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 which 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 customers premise.  Only one REF~SU will be sent per transaction. |
|  |  | 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 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 | | | | | | | |
|  | | | | N |  | No | | | | |
|  | | | | | | Special Needs are not required | | | |
|  | | | | Y |  | Yes | | | | |
|  | | | | | | Special Needs are required | | | |

**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:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required  Only one REF~Q5 will be sent per transaction. |
|  |  | 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  ESI ID will only contain uppercase letters (A to Z) and digits (0 to 9). Note that punctuation (spaces, dashes, etc.) and special characters must be excluded. ESI ID length must be at least 8 and no more than 36 characters. | | | | | | | |

**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~11~000000001 |

**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 | | | |