**Texas**

**Standard**

**Electronic**

**Transaction**

**814\_11:**

##### Drop Response

Electronic Data Interchange

ANSI ASC X12 Ver/Rel 004010

Transaction Set 814

**Texas 814\_11:**

Drop Response

This transaction set, from ERCOT to the current CR, is used to reject the current CR’s request to drop the Customer.

This transaction set is from ERCOT to the current CR in response to a Mass Transition.

This transaction set is from ERCOT to the current CR in response to an Acquisition Transfer.

Document Flow:

* ERCOT to Current CR

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 |
| July 3, 2000  Version 1.0 |  | Initial Release |
|  |  |  |
| August 23, 2000  Version 1.1 |  | The following changes were made: |
|  |  | * Changed Life Support (REF~SU) to remove “Required” and add the following note, “We are not sure of the requirements of this information at this time. When the rules are finalized we will revisit whether the life support indicator will be sent.” |
|  |  | * Added LIN code “SW” and DTM~MRR to allow an off-cycle Drop to POLR. Also added associated REF~1P codes. |
|  |  | * Added rejection reason codes “A83” and “API” in REF~7G |
|  |  | * Added gray box to reject reasons associated with a CR Objection, “We are not sure of the requirements of this information at this time. When the rules are finalized we will revisit whether the CR can object to a switch for this reason.” |
|  |  | * Added DTM~151 Service Period End Date as a required field. |
|  |  |  |
| December 12, 2000  Version 1.2 |  | The following changes were made: |
|  |  | * Change the term Utility to Transmission Distribution Service Provider (TDSP) to match ERCOT Protocols. |
|  |  | * Change the term Retail Electric Provider (REP) to Competitive Retailer (CR) to match ERCOT Protocols. |
|  |  | * Change description page transaction purpose to read the same as ERCOT Protocols. |
|  |  | * Insert the “How to use this Implementation Guide” page. |
|  |  | * Remove “.” between X and 12 in all references to ANSI ASC X12. |
|  |  | * Add BGN08 Element to indicate the TX SET Transaction Number per Change Control #2000-015. |
|  |  | * Add examples to end of transaction. |
|  |  | * Add REF~7G code A84 and NFI with gray box definitions per Change Control #2000-007. |
|  |  | * Add NFI and A84 to REF02 of REF~7G segment in the LIN loop per Change Control #2000-007. |
|  |  |  |
| March 16, 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 |
|  |  | * Corrected X12 Structure Page per patch list |
|  |  | * Changed RA/Clearinghouse to ERCOT |
|  |  | * Removed DTM~MRR wording on the LIN07 code SW gray box, not necessary on response |
|  |  | * Removed rejection reason codes B04 and CCA from REF~7G segment |
|  |  |  |
| August 3, 2001  Version1.4 |  | The following changes were made: |
|  |  | * Modify the gray box in the DTM. Ref. 2001-079 |
|  |  | * Modify the REF~7G gray box; add the statement, “More than one rejection reason code may be sent, by repeating the REF~7G segment.”. Ref. 2001-119 |
|  |  |  |
| June 17th, 2002  Version 1.5 |  | The following changes were made: |
|  |  | * Change Control 2002-267 – Removed “9” value from the N103 in the N1~AY loop. |
|  |  | * Change Control 2002-272 – Added FRB Invalid Bill Type to Rejection Reason REF~7G |
| 9/15/02 |  | * Change Control 2002-370 – Added Reject Code of “BIM” to REF~7G |
|  |  | * Change Control 2002-382 – Added Reject Code of “B33” to REF~7G |
| 10/15/02 |  | * Change Control 2002-409 – Replaced references to POLR with AREP |
|  |  | * Change Control 2002-417 – Added reject reason “ANK” to the REF~7G |
|  |  | * Change Control 2002-394 - ERCOT to forward the 814\_04 reject from the TDSP as an 814\_11 reject to the CR (with the exception of the “Duplicate” rejects). |
|  |  | * Change Control 2002-349 – Remove the reference to CC 2002-317 in the beginning of the guide. The change itself was never made to the BGN06 element. |
| May 27th, 2003  Version 1.6 |  | The following changes were made: |
| 5/27/03 |  | * Change Control 2002-386 – Removed D-U-N-S+4 from the N104 gray box in the N1~AY loop |
| 5/29/03 |  | * Change Control 2002-413 added Example #3 Drop to AREP Reject Response |
| 5/29/03 |  | * Change Control 2002-469 Add/revise gray box explanation for the description of code ‘FRB’ in the REF~7G (Reject Code) segment for response transaction to be applicable to all billing parties, not just the Muni/Coop market. |
| July 17,2003  Version 2.0 |  | * Change Control 2002-401- Add the N1~8S (TDSP) segment to the 814\_11 to provide information to the CR as to whether ERCOT rejected the 814\_10 or the TDSP rejected the 814\_03. |
| 7/18/03 |  | * Change Control 2003-518 - Change gray box under NFI reject reason to reflect that it is only used when the initiating transaction is requesting a date that has already been scheduled. Remove reference to 'Another CR' |
| 7/18/03 |  | * Change Control 2003-519 - New Reject code for transactions received in the 2-day window (5 day for switches) |
| 8/15/03 |  | * Change Control 2003-542 - Add ‘EAS’ Reject Code to the 814\_11 |
| 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. |
| 9/18/03 |  | * Change Control 2003-555 - Create a new reject code to be used by ERCOT for initiating transactions that contain the same original transaction ID |
| 9/18/03 |  | * Change Control 2003-556 - Add gray box definition ‘Retired’ to the 814\_02, 814\_11, 814\_17, 814\_19, 814\_21, 814\_25, 814\_27, and 814\_PD |
| 9/18/03 |  | * Change Control 2003-563 - A new reject code to be used by ERCOT for rejecting duplicate transactions for the 814\_01, 08, 10, 12,16, 18, 20, 24, 26, & 28 |
| 9/18/03 |  | * Change Control 2003-564 - Add Code B30 to the 814\_11 |
| 9/18/03 |  | * Change Control 2003-568 - Add additional clarification to the REF03 of the REF~7G to include ‘Drop to AREP from Same CR’, and ‘Drop to AREP’ |
| 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.”   Change Control 2003-583   * Modify the gray box for the DOT reject code to indicate the validation by ERCOT occurs against the ESI-ID, not the CR |
| March 1, 2005  Version 2.1 |  | 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 2004-616:   * Add ‘SBD’ Reject code to the 814\_11   Change Control 2004-657:   * Update the REF~7G Gray boxes where any code references a MIMO rule but does not specifically state the text “MIMO Rules”   Change Control 2005-680:   * Add new reject reason code of 'IMI - Invalid Membership Number or ID' to REF~7G segment to be used in MOU/EC market.   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 * New data element of BGN07 will be added to BGN Segment with new code of ‘TS’ Transfer for Mass Transition transfer of ESI IDs from CR to CR. * Use existing reject REF~7G segment with new code of ‘017’ represents Service Terminated because Service Provider went Out of Business |
| November 30, 2010  Version 3.0A |  | Change Control 2007-707:   * Remove Drop to AREP process references from the 814\_11 Implementation Guide since the 814\_10 transaction and Drop to AREP functionality is no longer valid in the market, Per PUCT Subst. R. §25.482 Project 33025.   Change Control 2008-719:   * SNP should be added as a valid reject code to the 814\_11.   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 2010-746:   * TX SET Guide changes by transaction required to support Acquisition Transfer   Change Control 2010-751:   * Adding new codes Force Majeure Event (FME) and Weather Moratorium (WTM)   Change Control 2010-756:   * Cleanup after 3.0A to have off-cycle updated to reflect self selected   Change Control 2011-785:   * Adding new Rejection Reason Competing Transaction Scheduled for the Same date (TCC) * Adding new Rejection Reason Switch Hold Indicator (SHF) to be used when a Switch Hold is in place prior to Acquisition |
| November 2, 2020  Version 4.0A |  | Change Control 2020-806:   * Sync the Texas SET Implementation Guides with ERCOT Protocols in the way the Muni-Coop is abbreviated.   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. |
| TBD  Version 5.0 |  | Change Control 2021-830   * Add new reject codes 090, 270, CCL, DIP, NVS & PCI to be used instead of A13 to provide more details on the reason for the rejection * Update reject code SNP to allow to be used on Acquisition Transfers * Remove references to MIMO rules |

**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.

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

**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 |  |  |  |  |  |  |  |  |
|  | 040 | DTM | Date/Time Reference | O | >1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M | 150 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Notes**

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

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~11~200104021200719~20010402~~~200104011956531~~11  BGN~11~200604021200719~20060402~~~200604011956531~TS~11  BGN~11~200604021200719~20060402~~~200604011956531~AQ~11 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **BGN01** | **353** | **Transaction Set Purpose Code** | | | | **M** |  | **ID 2/2** | | |
|  | | | Code identifying purpose of transaction set | | | | | | | |
|  | | | | 11 |  | Response | | | | |
| **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 ERCOT assigned identifier for the Mass Transition or Acquisition Transfer transaction in the 814\_03. This number will be tracked in the BGN06 through the lifecycle of the Mass Transition or Acquisition Process. | | | | | | | |
|  | **BGN07** | **640** | **Transaction Type** | | | | **O** |  | **ID 2/2** | | |
|  | | | 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. | | | | | | | |
|  | | | | AQ |  | Quantity Verification Inquiry | | | | |
|  | | | | | | An inquiry as to the validity of the quantity associated with an open order | | | | |
|  | | | | | | Required as a response to ERCOT initiated transaction for a Acquisition Transfer to transfer the ESI ID from CR to CR  Otherwise not used | | | |
|  | | | | TS |  | Transfer Statement | | | | |
|  | | | | | | Required as a response to ERCOT initiated transaction for a Mass Transition to transfer the ESI ID from CR to CR  Otherwise not used | | | |
| **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. | | | | | | | |
|  | | | | 11 |  | Approve | | | | |
|  | | | | | | Indicates Texas SET Transaction 814\_11 | | | |

**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 when the 814\_11 is a reject response resulting from an 814\_04 reject response, otherwise not used. |
|  |  | N1~8S~TDSP COMPANY~1~007909411~~OA |

**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 | | | | | | | |
|  | | | | OA |  | Electronic Return Originator | | | | |
|  | | | | | | Required when the TDSP sent an 814\_04 reject response and the rejection is being forwarded to the CR that submitted the 814\_10. This code is the letter O (OA) and not Zero A (0A). | | | |

**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 |

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

**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 | | | | | | | |
|  | | | | 40 |  | Receiver | | | | |

**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  Normal Drop  LIN~1~SH~EL~SH~CE~SH~SW  Drop with Special Meter Read |

**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 | | | | |
|  | **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 | | | | |
|  | **LIN07** | **234** | **Product/Service ID** | | | | **X** |  | **AN 1/48** | | |
|  | | | Identifying number for a product or service | | | | | | | |
|  | | | | SW |  | Special Read for Self Selected Switch | | | | |
|  | | | | | | Request for a special meter read for a customer to switch off cycle, i.e., not at the next, regularly scheduled meter read. | | | |

**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 |
|  |  | ASI~WQ~002  ASI~U~002 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **ASI01** | **306** | **Action Code** | | | | **M** |  | **ID 1/2** | | |
|  | | | Code indicating type of action | | | | | | | |
|  | | | | U |  | Reject | | | | |
|  | | | | WQ |  | Accept | | | | |
| **Must Use** | **ASI02** | **875** | **Maintenance Type Code** | | | | **M** |  | **ID 3/3** | | |
|  | | | Code identifying the specific type of item maintenance | | | | | | | |
|  | | | | 002 |  | Delete | | | | |
|  | | | | | | Drop | | | |

**Segment: REF Reference Identification (Status 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:** |  | Accept Response: Required when status information must be conveyed.  Reject Response: Not Used |
|  |  | REF~1P~A13~STATUS REASON TEXT |

**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 | | | | | | | |
|  | | | | 1P |  | Accessorial Status Code | | | | |
|  | | | | | | Used on the response when the request is accepted, and additional status information must be provided. | | | |
| **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 | | | | | | | |
|  | | | | A13 |  | Other | | | | |
|  | | | | | | Explanation Required in REF03. | | | |
|  | | | | W08 |  | Switch Date or Switch Code Invalid or Missing. Meter will be read on the normal, on-cycle read date | | | | |
|  | | | | W09 |  | Special, Self Selected meter reading cannot be performed. Meter will be read on the normal, on-cycle read date. | | | | |
|  | | | | W11 |  | Special, Self Selected meter read will occur on a date other than the requested date, as identified in DTM~150. | | | | |
|  | | | | | | Special meter read must be before the next scheduled meter read. | | | |
| **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 reason code sent in REF02. Code "A13" requires a text explanation in this element. | | | | | | | |

**Segment: REF Reference Identification (Rejection 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:** |  | More than one rejection reason code may be sent by repeating the REF~7G segment.  Accept Response: Not Used  Reject Response: Required |
|  |  | REF~7G~A13~ADDITIONAL REASON TEXT HERE |

**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 | | | | | | | |
|  | | | | 7G |  | Data Quality Reject Reason | | | | |
|  | | | | | | Reject reasons associated with a reject status notification. | | | |
| **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 | | | | | | | |
|  | | | | 008 |  | ESI ID exists but is not active | | | | |
|  | | | | | | Retired | | | |
|  | | | | 017 |  | Service Terminated because Service Provider went Out of Business | | | | |
|  | | | | | | Received initiating TX SET transaction from CR that is exiting the Market | | | |
|  | | | | 090 |  | Greater than 90 in the future | | | | |
|  | | | | | | Transaction requested a date greater than 90 days in the future. | | | |
|  | | | | 270 |  | Greater than 270 in the past | | | | |
|  | | | | | | Transaction requested a date greater than 270 days in the past. | | | |
|  | | | | A13 |  | Other | | | | |
|  | | | | | | Explanation Required in REF03. | | | |
|  | | | | A76 |  | ESI ID Invalid or Not Found | | | | |
|  | | | | A78 |  | Item or Service Already Established | | | | |
|  | | | | | | Requested action has already completed. Used by TDSP and ERCOT only. | | | |
|  | | | | A83 |  | Invalid or Unauthorized Action | | | | |
|  | | | | | | Information provided was not supported in the Texas SET standards. | | | |
|  | | | | A84 |  | Invalid Relationship | | | | |
|  | | | | | | CR does not have a valid relationship with this customer for this action. | | | |
|  | | | | ACI |  | Action Code (ASI01) Invalid | | | | |
|  | | | | ANK |  | Invalid Source Information | | | | |
|  | | | | | | Unnecessary Billing Information Included | | | |
|  | | | | API |  | Required information missing | | | | |
|  | | | | | | Explanation Required in REF03. May not be used in place of other, more specific error codes. | | | |
|  | | | | B30 |  | Customer Already Enrolled | | | | |
|  | | | | | | Customer already enrolled with same CR | | | |
|  | | | | B33 |  | Customer Name is Missing from the Request | | | | |
|  | | | | | | Customer Name missing with the N1~8R PER Segment | | | |
|  | | | | BIM |  | Billing Information Missing | | | | |
|  | | | | | | Billing Information not received. Used by Muni/Coops only. Information required in the N1~BT (Customer Billing Loop) not received. Used by Muni/Coops only | | | |
|  | | | | CCL |  | Critical Care or Critical Load | | | | |
|  | | | | D76 |  | DUNS Number Invalid or Not Found | | | | |
|  | | | | DIP |  | Date In Past | | | | |
|  | | | | | | Request cannot be backdated. | | | |
|  | | | | DIV |  | Date Invalid | | | | |
|  | | | | DOT |  | Duplicate Original Transaction ID | | | | |
|  | | | | | | Original Transaction ID (BGN02) already submitted on ESI-ID. For ERCOT Use Only. | | | |
|  | | | | DUP |  | Duplicate | | | | |
|  | | | | | | Transaction submitted contains the same BGN02, BGN06, (if applicable), and ESI-ID as another received transaction from the same CR. | | | |
|  | | | | EAS |  | Earliest Available Switch Date | | | | |
|  | | | | | | Rejection due to a requested date prior to or equal to the earliest available switch date | | | |
|  | | | | FME |  | Force Majeure Event | | | | |
|  | | | | FRB |  | Incorrect Billing Type (REF~BLT) Requested | | | | |
|  | | | | | | Billing type indicated not supported by billing party | | | |
|  | | | | IMI |  | Invalid Membership Number or ID | | | | |
|  | | | | | | Membership ID or account number used by the MOU/EC TDSP does not exist, is inactive, or is otherwise invalid. For MOU/EC use only. | | | |
|  | | | | MTI |  | Maintenance Type Code (ASI02) Invalid | | | | |
|  | | | | NFI |  | Not First In | | | | |
|  | | | | | | Explanation Required in REF03. An initiating transaction has a requested date that is the same as the scheduled meter read date on another scheduled transaction. | | | |
|  | | | | NVS |  | No Valid Safety Net | | | | |
|  | | | | | | Backdated request with no valid safety net. | | | |
|  | | | | PCI |  | Priority Code Invalid | | | | |
|  | | | | | | Priority Code Invalid or in conflict with date requested. | | | |
|  | | | | SBD |  | Scheduled to be De-energized | | | | |
|  | | | | | | ESI ID exists but scheduled to be de-energized on date requested. | | | |
|  | | | | SCP |  | Scheduling Conflict Priority | | | | |
|  | | | | | | Requested date caused conflict with transaction currently scheduled. Currently scheduled transaction scheduled to execute within 2 business days. | | | |
|  | | | | SHF |  | Switch Hold Indicator | | | | |
|  | | | | | | For TDSP use only when Switch Hold has been placed on Premise. This Switch Hold will block MVI or Switch request from being scheduled by the TDSP. | | | |
|  | | | | SNP |  | Safety NET Request Pending for Different CR | | | | |
|  | | | | | | For TDSP use when a Safety Net Move-In is scheduled and a Mass Transition or Acquisition Transfer (BGN07='TS' or BGN07='AQ') transaction is received from ERCOT. This code is valid only when BGN07='TS' or BGN07='AQ'. | | | |
|  | | | | TCC |  | Competing Transaction Scheduled for the Same Date | | | | |
| **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 reason code sent in REF02. Codes "A13", "API" and "NFI" require a text explanation in this element. "NFI" rejects require identification in the REF03; 1.) If it is a same CR and 2.) The transaction type. (Only possibilities are: Move-Out from Same CR, Move-In from Same CR, Switch from Same CR, Move-Out, Move-In and Switch.) | | | | | | | |

**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: DTM Date/Time Reference (Service Period End)**

**Position:** 040

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

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

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

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

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

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Accept Response: Required  Reject Response: Not Used  Only one DTM~151 will be sent per transaction. |
|  |  | DTM~151~20010415 |

**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 | | | | | | |
|  | | | | 151 |  | Service Period End | | | |
| **Must Use** | **DTM02** | **373** | **Date** | | | | **X** |  | **DT 8/8** | |
|  | | | Date expressed as CCYYMMDD | | | | | | |

**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~9~000000001 |

**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 | | | |