**Texas**

**Standard**

**Electronic**

**Transaction**

**814\_08:**

##### Cancel Request

Electronic Data Interchange

ANSI ASC X12 Ver/Rel 004010

Transaction Set 814

**Texas 814\_08:**

Cancel Request

This transaction set...

... from ERCOT to the TDSP, is used to cancel a Switch Request, a Move-In request, a Continuous Service Agreement (CSA) Move-In request, Move-Out request, or ERCOT Initiated Mass Transition.

... from ERCOT to the current CR, is used to cancel a Drop Due to Switch (forced move-out or switch) request, a Move-Out request, or a ERCOT Initiated Mass Transition request.

... from ERCOT to the new CR, is used to cancel a Switch request, a Move-In request, or a ERCOT Initiated Mass Transition request.

... from the current CR to ERCOT, is used to cancel a Move-Out request.

... from the new CR to ERCOT, is used to cancel a Switch request or a Move-In request.

... from ERCOT to the CSA CR, is used to cancel a CSA Move-In request.

… from ERCOT to the requesting CR/POLR, is used to cancel pending transactions involved in a Mass Transition.

Document Flow:

* ERCOT to TDSP
* ERCOT to Current CR
* ERCOT to New CR
* Current CR to ERCOT
* New CR to ERCOT
* ERCOT to CSA CR
* ERCOT to POLR

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: |
|  |  | * Added Customer Name and Zip Code |
|  |  | * 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.” |
|  |  | * Change transaction description page. |
|  |  | * Added gray box to DTM~150 Service Period Start code “On a Reinstatement, this date should match the date of the original cancellation”. |
|  |  |  |
| 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. |
|  |  |  |
| 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 |
|  |  | * Changed RA/Clearinghouse to ERCOT |
|  |  | * Removed Rejection Reason Codes, because they were not allowed in the rule:   **B04** - Requested services will not be completed until outstanding payment is made  **CCA** - Customer Contract Active |
|  |  | * Example 2: Removed DTM~150 from Example 2 and statement about the date in the gray box. Corrected SE Count. |
|  |  | * Example 4: Corrected SE Count |
|  |  |  |
| August 3, 2001  Version1.4 |  | No changes for Version 1.4 |
|  |  | * Added REDLINES from Change Controls: * 2001-191 Add the 814\_16 Move-In Request to Segment Beginning Segment, BGN06 gray box. 10/5/01 |
|  |  | * Change Control 2002-295 – Change N1~SJ to Conditional. |
|  |  |  |
| June 17, 2002  Version 1.5 |  | The following changes were made: |
|  |  | * Change Control 2001-231 – Added language to transaction flow for cancellation of a switch and provided example. |
|  |  | * Change Control 2002-237 – Added Status Reason of “PNR” to REF02 of the REF~1P. |
|  |  | * Change Control 2002-267 - Removed “9” value from the N103 in the N1~AY loop. |
|  |  | * Change Control 2002-293 – Modified flow page to allow New CR to cancel their pending switch. |
|  |  |  |
|  |  | * Applied Change Control 2002-317: Change Document flow page to read “…from ERCOT to the current CR is used to reinstate the Customer when the Switch or Move-In that caused a forced Move-Out/Drop Due to Switch has been canceled by the end use Customer.” |
| 8/5/02 |  | Change Control 2002-353 – Corrected Implementation guide “Summary of Changes” by cleaning up previously missed or inaccurate additions to Summary of Changes: |
|  |  | * Change Control 2002-353 – Updated Change Control Log to add approved Version 1.5 Change Control 2002-324. This was previously missed at time of update of implementation guide and is needed to reflect the approved cleanup change control. |
| 8/5/02 |  | Change Control 2002 – 354 - Corrected Implementation guide “Summary of Changes” by cleaning up previously missed or inaccurate additions to Summary of Changes: |
|  |  | * Change Control 2002-354: Clean-up Change Control for the 2002-295. Removed Change Control 2002-295 from Change Control Log for version 1.5 and added to Version 1.4 section. Added detail for v1.4 Change Control 2001-191. |
| 9/15/02 |  | * Change Control 2002-360 – Corrected spelling of “Receipt” in the REF~1P |
|  |  | * Change Control 2002-362 – Added 814\_06 to Gray box of the BGN.06 |
| 10/15/02 |  | * Change Control 2002-420 – Replaced references to POLR with AREP |
| 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 2002-445 Update Document Flows on the Cancel Switch Request (814\_08) so that it is consistent with the Visio Diagram. |
| 5/29/03 |  | * Change Control 2002-451 Correct 814\_08 N1~8R |
| July 17, 2003  Version 2.0 |  | * Change Control 2002-446 - Removed DTM~150 Service Period Start from the 814\_08 |
| 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. |
| 8/15/03 |  | * Change Control 2003-516 - To effect changes as requested by the Move In / Move Out task force |
| 8/15/03 |  | * Change Control 2003-540 - Clarification around which cancellation reasons are valid CR cancellation reasons, and removal of references to reinstatement |
| 9/18/03 |  | * Change Control 2003-560 - Add a new status code to the 814\_08 for manual cancels by ERCOT |
| October 8, 2004  Version 2.0A |  | Change Control 2003-573:   * Remove references to the word “reinstate” references in ASI segment and examples.   Change Control 2003-594:   * Adjust the verbiage in the PNR gray box on the 814\_08 transaction. MIMO rules states that the 814\_08 will be sent if 20 days after the scheduled MVI date the permit is not received.   Change Control 2004-598:   * Update Examples since CRs are not allowed to use the EB3 code to cancel.   Change Control 2004-602:   * Remove text from the gray box of the N1~SJ segment indicating that the segment is optional from ERCOT to the TDSP when there is no current rep. Now that the ERCOT’s evaluation for sending out 814\_08s is done two days prior to the SMRD, there are instances where the N1~SJ will not be populated on the 814\_08 going out to the TDSP. Because of this ERCOT requests that the text ‘when there is no Current REP’ be removed. The statement will read ‘Optional from ERCOT to the TDSP’.   Change Control 2004-614:   * Update REF~1P segment graybox to indicate that the REF~1P is only sent once.   Change Control 2004-620:   * Update the BGN06 gray box to indicate the 814\_08 BGN06 will match the BGN06 of the 814\_14 or 814\_22 in situations where there is a Drop to AREP or Move out to CSA   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 2004-638   * Update example # 5 of 5 to correctly show “New CR” in the description of the field. |
| 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 2003-582:   * Add verbiage to the gray box in the “TWO” status reason code to include references to the Switch and Drop processes.   Change Control 2004-649:   * Add membership ID to support Muni/Coop business requirements. This Change Control has been reversed by 2005-685   Change Control 2004-642:   * Update the 814\_08/814\_09 IG transaction flow to indicate the 814\_08 can be used to cancel a drop to AREP   Change Control 2005-683:   * Add clarity to the transaction notes section regarding the Texas Market use of characters in alphanumeric fields   Change Control 2005-685:   * Reversal of Change Control 2004-649 – written to exclude the Membership ID from this transaction. |
| 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. * Need a code on an 814\_08 that tells a CR to re-submit the order. Used on Cancels for MVO –This code would be ‘echoed back’ on the 814\_09. Use existing segment/element of ASI01 with a new code of ‘EFR’ - Evaluate for Resubmission – For ERCOT use only * Need a new cancellation code (Status Reason) in the REF~1P for 814\_08 when transactions are cancelled for Mass Transition – Add New Code of ‘MTC’ represents Mass Transition Cancel   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.   Change Control 2006-703:   * Correct ‘MTC’ Mass Transition Cancel gray box to show for ERCOT use only. |
| November 30, 2010  Version 3.0A |  | Change Control 2008-724:   * Add clarification that the TS code in the BGN07 should only be used when cancelling a Mass Transition Drop and should not be used for any other purpose.   Change Control 2009-729:   * Remove examples from Implementation Guides and create separate documents to allow for quicker correction and addition of new examples without a TX SET release   Change Control 2010-731:   * Update the TX SET Guides to correct spelling, grammar and punctuation. * Cleanup of gray box examples 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 2010-748:   * The purpose of this Change Control is to sync the names of the Texas SET Guide transactions, with the names of the transactions in Protocol and the Retail Market Guide.   Change Control 2011-784:   * Adding new Cancel Code of CMO “Cancel Move Out” to the 814\_08 transaction. |
| 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. |

**How to Use this Implementation Guide**

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

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

**Position:** 030

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

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

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

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

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

**Comments:**

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

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

**Data Element Summary**

One or more examples.

**Ref. Data**

Des. Element Name Attributes

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

This column shows the Texas use of each data element.

This column shows the X12 attributes for each data element.

M = Mandatory

O = Optional

# X = Relational

# C = Conditional

AN = Alphanumeric

N# = Implied Decimal at position #

ID = Identification

R = Real

1/30 = Minimum 1, Maximum 30

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

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

**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 |  |  |  |  |  |  |  |  |
|  | 070 | N4 | Geographic Location | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Detail:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID - LIN |  |  | >1 |  |  |  |  |  |  |  |
|  | 010 | LIN | Item Identification | O | 1 |  |  |  |  |  |  |  |  |
|  | 020 | ASI | Action or Status Indicator | O | 1 |  |  |  |  |  |  |  |  |
|  | 030 | REF | Reference Identification | O | >1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M | 150 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Note**s:

**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~13~200104021200719~20010402~~~200104011956531~~8  BGN~13~200104021200719~20010402~~~200104011956531~TS~8  BGN~13~200104021200719~20010402~~~200104011956531~AQ~8 |

**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 BGN02 of the...  ... Enrollment Request (814\_01),  ... Move In Request (814\_16),  ... Move Out Request (814\_24).  Refers to the BGN06 of the...  ... Mass Drop Transaction (814\_03)  ...Drop Due to Switch Request (814\_06)  ...AREP Enrollment Request (814\_14)  ...CSA CR Move In Request (814\_22)  This number will be tracked in the BGN06 through the lifecycle of the respective process. | | | | | | | |
|  | **BGN07** | **640** | **Transaction Type Code** | | | | **O** |  | **ID 2/2** | | |
|  | | | Code specifying the type of transaction | | | | | | | |
|  | | | 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 when cancelling ERCOT initiated Acquisition Transition drop requests (814\_03 and 814\_14 with BGN07=AQ)  Otherwise not used | | | |
|  | | | | TS |  | Transfer Statement | | | | |
|  | | | | | | Required when cancelling ERCOT initiated Mass Transition drop requests (814\_03 and 814\_14 with BGN07=TS)  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. | | | | | | | |
|  | | | | 8 |  | In Production Send | | | | |
|  | | | | | | Indicates Texas SET Transaction 814\_08 | | | |

**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:** |  | New CR to ERCOT: Required  Current CR to ERCOT: Required  All others: Not Used |
|  |  | N1~8R~CUSTOMER NAME |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 8R |  | Consumer Service Provider (CSP) Customer | | | | |
|  | | | | | | Customer | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | Customer name as documented in the sender's application system. This name field must be used in order to populate the zip code in N403. | | | | | | | |

**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:** |  | New CR to ERCOT: Zip Code (N403) is Required. The first 5 characters will be used for validation against service zip stored at ERCOT.  Current CR to ERCOT: Zip Code (N403) is Required. The first 5 characters will be used for validation against service zip stored at ERCOT.  All others: Not Used |
|  |  | N4~~~78111  N4~~~781110001 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 Current CR)  N1~8S~TDSP COMPANY~1~007909411~~40 (ERCOT to TDSP)  N1~8S~TDSP COMPANY~1~007909411 (ERCOT to New CR)  N1~8S~TDSP COMPANY~1~007909411 (Current CR 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 | | | | | | | |
|  | | | Condition: Required if TDSP is the receiver, otherwise not used. | | | | | | | |
|  | | | | 40 |  | Receiver | | | | |

**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 Current CR)  N1~AY~ERCOT~1~183529049~~41 (ERCOT to TDSP)  N1~AY~ERCOT~1~183529049~~41 (ERCOT to New CR)  N1~AY~ERCOT~1~183529049~~40 (Current CR 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:** |  | Optional when sent from ERCOT to the TDSP |
|  |  | N1~SJ~CURRENT CR NAME~1~007909422~~40 (ERCOT to Current CR)  N1~SJ~CURRENT CR NAME~1~007909422 (ERCOT to TDSP)  N1~SJ~NEW CR NAME~1~007909422~~40 (ERCOT to New CR)  N1~SJ~CURRENT CR NAME~1~007909422~~41 (Current CR 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 | | | | | | | |
|  | | | Condition: Required if CR is the sender or receiver, otherwise not used. | | | | | | | |
|  | | | | 40 |  | Receiver | | | | |
|  | | | | 41 |  | Submitter | | | | |

**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 |

**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 | | | |

**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~7~024 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **ASI01** | **306** | **Action Code** | | | | **M** |  | **ID 1/2** | | |
|  | | | Code indicating type of action | | | | | | | |
|  | | | | 7 |  | Request | | | | |
| **Must Use** | **ASI02** | **875** | **Maintenance Type Code** | | | | **M** |  | **ID 3/3** | | |
|  | | | Code identifying the specific type of item maintenance | | | | | | | |
|  | | | | 024 |  | Cancellation or Termination | | | | |
|  | | | | | | Rescind | | | |

**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:** |  | Required  Only 1 REF~1P segment may be sent. |
|  |  | REF~1P~B40~CANCELLED BY CUSTOMER REQUEST  REF~1P~PNR |

**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. | | | |
|  | | | | A81 |  | Item or Service Not Available on Requested Date | | | | |
|  | | | | | | Request can not be performed within the scheduled window MIMO Rules, ERCOT 3, TDSP 3  Not valid for CR cancellations | | | |
|  | | | | A95 |  | Past Cutoff Time | | | | |
|  | | | | | | Review period expired. MIMO Rules, ERCOT 23, TDSP 3. Not valid for CR cancellations | | | |
|  | | | | ANL |  | Agent Not Listed | | | | |
|  | | | | | | Submitting CR is not, or is not scheduled to be the Rep of Record at date of request. MIMO Rules, ERCOT 6, TDSP 3. Not valid for CR cancellations | | | |
|  | | | | B40 |  | Dropped by Customer Request | | | | |
|  | | | | | | Cancelled by Customer Request | | | |
|  | | | | CCA |  | Competition | | | | |
|  | | | | | | Cancelled due to Move In MIMO Rules, ERCOT 7, TDSP 3. Not valid for CR Cancellations. | | | |
|  | | | | CCE |  | Contract Details | | | | |
|  | | | | | | Cancelled due to Move Out MIMO Rules, ERCOT 7, TDSP 3. Not valid for CR cancellations | | | |
|  | | | | CHA |  | Changed Agent | | | | |
|  | | | | | | Customer switched to new CR. MIMO Rules, ERCOT 9, TDSP 3. Not valid for CR cancellations | | | |
|  | | | | CMO |  | Cancel Move Out | | | | |
|  | | | | | | Cancelled due to Move In MIMO Rules, ERCOT 8. For Ercot Use Only. | | | |
|  | | | | COV |  | Conflicting Authorizations | | | | |
|  | | | | | | Evaluation conflict while 'Cancel Pending' MIMO Cancellation Rules, ERCOT 15, TDSP 3  Not valid for CR cancellations | | | |
|  | | | | EB3 |  | Withdrawn | | | | |
|  | | | | | | Customer Rescinds Enrollment Request. Not valid for CR cancellations | | | |
|  | | | | EFR |  | Evaluate for Resubmission | | | | |
|  | | | | | | For ERCOT Use Only. | | | |
|  | | | | MAN |  | Manual Cancel | | | | |
|  | | | | | | Cancellation received has been manually cancelled in ERCOTs system. For ERCOT Use Only. | | | |
|  | | | | MOX |  | Move In Same Day | | | | |
|  | | | | | | Same date as Move In / Force off MIMO Rules, ERCOT 8, TDSP 3  Not valid for CR cancellations | | | |
|  | | | | MPC |  | Past Date Conflict | | | | |
|  | | | | | | MVI with later requested date completed while permit pending. MIMO Rules, ERCOT 10, TDSP 2, 3. Not valid for CR cancellations | | | |
|  | | | | MTC |  | Mass Transition Cancel | | | | |
|  | | | | | | For ERCOT Use Only. | | | |
|  | | | | PNR |  | Permit Not Received | | | | |
|  | | | | | | If a Move In in "Permit Pending" status is not scheduled within 20 days of the requested MVI date, ERCOT can cancel the Move In  Not valid for CR cancellations. For ERCOT Use Only | | | |
|  | | | | TWO |  | Two Party | | | | |
|  | | | | | | Two Move In's, two Move Out's, two Switches, or two Drops are requested for "same date" MIMO Rules, ERCOT 6, TDSP 3  Not valid for CR cancellations | | | |
| **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 (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 | | | |