**Texas**

**Standard**

**Electronic**

**Transaction**

**814\_03:**

##### Enrollment Notification Request

Electronic Data Interchange

ANSI ASC X12 Ver/Rel 004010

Transaction Set 814

**Texas 814\_03:**

Enrollment Notification Request

This transaction set, from ERCOT to the TDSP, passes information from the 814\_01, 814\_10, 814\_16, or 814\_24 (move-out where CSA exists), with the addition of two data elements: (1) the TDSP associated with this Premise and (2) the available switch date.

This transaction set will be initiated by ERCOT and transmitted to the TDSP in the event of a Mass Transition.

Document Flow:

* ERCOT to TDSP

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

|  |  |  |
| --- | --- | --- |
|  |  | Summary of Changes |
| July 3, 2000  Version 1.0 |  | Initial Release |
|  |  |  |
| August 18, 2000  Version 1.1 |  | The following changes were made: |
|  |  | * Changed Historical Usage request codes and examples and removed the LIN10 through LIN13. |
|  |  | * Changed verbiage under LIN “MVO” Move Out code. |
|  |  | * 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.” |
|  |  | * Change transaction description page |
|  |  | * Added verbiage to DTM01~656 Last Date to Object code gray box “In the event that a rescission period does not apply, this will be the First Available Switch Date.” |
|  |  |  |
| 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 examples to end of transaction. |
|  |  | * Add BGN08 Element to indicate the TX SET Transaction Number per Change Control #2000-015. |
|  |  | * Add the wording, “The following examples are all inclusive. Other combinations cannot be requested; for example, both HI and HU cannot be requested for the same ESI ID” to the LIN loop gray box. per Change Control #2000-026. |
|  |  | * Change DTM (Customer Rescission Period Expiration Date) to DTM (First Available Switch Date) per Change Control #2000-001. |
|  |  |  |
| 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 |
|  |  | * Changed RA/Clearinghouse to ERCOT |
|  |  | * Cleaned up gray box on LIN to remove second "Enrollment Request (814\_01)" |
|  |  | * Changed "utility" to "TDSP" in REF~1P~MDI (Status Reason Code) |
|  |  | * Added language to the DTM~MRR code, "Also required for a Move Out when a CSA exists and final usage is requested." |
|  |  | * Example 2 - changed date in DTM~MRR |
|  |  |  |
| August 3, 2001  Version1.4 |  | The following changes were made: |
|  |  | * Modify transaction flow page. Ref. 2001-159 |
|  |  | * Added a new REF~PH (Priority Code) |
|  |  | Included REDLINES from CHANGE CONTROLS:  2001-193 10/24/01 |
|  |  |  |
| June 17th, 2002  Version 1.5 |  | The following changes were made: |
|  |  | Change Control 2002-257 – Added PER segment to N1~8R loop and modified examples. |
|  |  | Also added the N1~8R Loop to support this addition of this PER segment. |
|  |  | Change Control 2002-259 – Changed Life Support Indicator to Special Needs and eliminated “I” value. |
|  |  | Change Control 2002-267 – Removed “9” value from the N103 in the N1~AY loop. |
|  |  | Change Control 2002-268 – Removed code “LDC” from the REF02 in the REF~PC. |
|  |  | Change Control 2002-269 – Added N1~BT (Customer Billing Address) Loop. |
|  |  | Change Control 2002-307 – Updated examples to reflect Special Needs Indicator |
| 8/5/02 |  | Change Control 2002-338 – Corrected Typo in REF~SU |
| 8/5/02 |  | Change Control 2002-343 – Corrected SE counts in examples. |
| 9/15/02 |  | Change Control 2002-364 – Modified Gray Box of the N4.02 in the N1~BT loop. |
|  |  | Change Control 2002-367 – Modified Gray Box for “DUAL” in the REF~PC |
|  |  | Change Control 2002-395 – Modified Gray Box for the PER~IC to indicate optional use. |
| 10/15/02 |  | Change Control 2002-410 – Added code of “DRP” to the LIN segment. |
|  |  | Change Control 2002-411 – Added clarifying language to the N1~BT gray box. |
|  |  | Change Control 2002-420 – Replaced references to POLR with AREP |
|  |  | Change Control 2002-444 – Update the gray box in the BLT notes to indicate the IOU TDSP may receive a value other than ESP and if so they may reject the 814\_03 transaction. |
| 5/30/03 |  | Change Control 2003-507 Populate CSA Customer on a Move-In |
| 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 2002-459 Correct the LIN segment Gray box examples to include the LIN06 as SH and move subsequent LIN codes to the next position |
| 5/29/03 |  | Change Control 2003-476 Change the wording for the gray box that describes the condition under which State or Province Code (N402) of the N1~BT Loop (Customer Billing Address) is required. |
| 5/30/03 |  | Change Control 2003-511 This change control is being requested due to the fact some TDSP's have been receiving TX SET transactions with telephone (TE) or communication numbers with punctuation and symbols in the PER04 and PER06 data elements of the PER Segment, which is incorrect. |
| July 17th, 2003  Version 2.0 |  |  |
| 7/18/03 |  | Change Control 2003-525 Add PER segment to the 814\_16 and 814\_03, update examples. |
| 8/15/03 |  | Change Control 2003-547 Please refer to 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 2003-548 - Remove the REF~1P segment from the 814\_03, 814\_05, 814\_13, and 814\_25, remove all references to the REF~1P from the 814\_03, 814\_05, 814\_13, and 814\_25 transactions, and update the examples. |
| October 8, 2004  Version 2.0A |  | Change Control 2004-613:   * Cleanup of graybox on N404 element. The URL does not work.   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 2004-640:   * Update the graybox text for the LIN07 codes. Correct the following text by moving it from the MVI graybox to the MVO graybox. “For a Continuous Service Agreement (CSA) MVO- Move In issued by ERCOT to the TDSP, ERCOT will provide CSA CUSTOMER as the default name in the N1~8R~ N102” |
| 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 2004-649:   * Add membership ID to numerous TX SET transactions to support Muni/Co-op business requirement to positively match all move-in, move-out, and switch requests to an existing MCTDSP membership/account.   Change Control 2005-683:   * Add clarity to the transaction notes section regarding the Texas Market use of characters in alphanumeric fields |
| September 1, 2006  Version 3.0 |  | **Change Control 2006-692:**   * 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.   Change Control 2007-704:   * For a Mass Transition 814\_03 (BGN07 = ‘TS’), ERCOT will populate the PER~IC with the value of Mass Transition Customer. |
| November 30, 2010  Version 3.0A |  | Change Control 2009-721   * Update gray box that ERCOT will not use customer information in the transactions during a Mass Transition   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 2009-730:   * Update the term on-cycle to reflect Standard Switch and off-cycle to reflect Self Selected Switch   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 2010-748:   * 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 2010-756:   * Cleanup after 3.0A to have off-cycle updated to reflect self selected   Change Control 2010-759:   * Add a new REF segment to the 814\_16 to provide key information to the TDSP about a condition that may affect the execution of a MVI, MVO or MVO to CSA.   Change Control 2010-790:   * Clarification that only 1 REF~RAA per transaction. |
| 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.   Change Control 2020-824   * Update to the TX SET Guides for the N2 and N3 to only allow one per loop |
| August 1, 2023  Version 4.0A |  | Change Control 2023-841   * Update the REF~1W, REF~BLT, and N1~BT, N2, N3, N4 (Customer Billing Name and Address) segments in the 814\_03 to support options available to MOU/EC for retail transaction processing upon entry into retail competition. |
| November 11, 2024  Version 5.0 |  | Change Control 2020-827   * Add new PER segment for Power Outage Contact Information to provide email address to the TDSP   Change Control 2021-829   * Add 2 new indicators (CR and IA) to the BGN to indicate regain due to Inadvertent Gain/Loss and Right of Rescission   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.   Change Control 2024-847   * Update the PER~PO to require at least one form of communication (Telephone, Personal Cellular or Email). |

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

**Detail:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID – LIN |  |  | >1 |  |  |  |  |  |  |  |
|  | 010 | LIN | Item Identification | O | 1 |  |  |  |  |  |  |  |  |
|  | 020 | ASI | Action or Status Indicator | O | 1 |  |  |  |  |  |  |  |  |
|  | 030 | REF | Reference Identification | O | >1 |  |  |  |  |  |  |  |  |
|  | 040 | DTM | Date/Time Reference | O | >1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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~13~200104021200719~20010402~~~200104011956531~~3  BGN~13~200604021200719~20060402~~~200604011956531~TS~3 Mass Transition initiated request by ERCOT  BGN~13~200604021200719~20060402~~~200604011956531~AQ~3 Acquisition Transfer initiated request by ERCOT  BGN~13~200604021200719~20060402~~~200604011956531~CR~3 Move-In Request to Reverse Switch due to Customer's Right of Rescission  BGN~13~200604021200719~20060402~~~200604011956531~IA~3 Move-In Request to Reverse a Switch or Move-In due to an Inadvertent Gain |

**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 (814\_24)  For Mass Transition transaction this will be a unique number created by ERCOT  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 for ERCOT initiated transaction for a Acquisition Transfer to transfer the ESI ID from CR to CR  Otherwise not used | | | |
|  | | | | CR |  | Credit Memo | | | | |
|  | | | | | | Customer Rescissions:  Required for CR initiated transaction to inform TDSP that this transaction is being used to reverse a Switch due to Customer's Right of Rescission | | | |
|  | | | | IA |  | Inventory | | | | |
|  | | | | | | Inadvertent Gain/Loss:  Required for CR initiated transaction to inform TDSP that this transaction is being used to reverse a Switch or Move-In due to an Inadvertent Gain/Loss | | | |
|  | | | | TS |  | Transfer Statement | | | | |
|  | | | | | | Required for 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. | | | | | | | |
|  | | | | 3 |  | Delete | | | | |
|  | | | | | | Indicates Texas SET Transaction 814\_03 | | | |

**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~CSA CUSTOMER (Required if MVO - Move In is for CSA)  N1~8R~MASS TRANSITION CUSTOMER (Required when BGN07= 'TS'.  N102 is populated with 'Mass Transition Customer' for both IOU and MOU/EC TDSP ESI IDs)  N1~8R~ACQUISITION TRANSFER CUSTOMER (Required when BGN07= 'AQ'.  N102 is populated with 'Acquisition Transfer Customer' for both IOU and MOU/EC TDSP ESI IDs) |

**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.  For a Continuous Service Agreement (CSA) MVO - Move In issued by ERCOT to the TDSP, ERCOT will provide CSA CUSTOMER as the default name in this field.  When ERCOT initiates the Mass Transition transaction where BGN07 = 'TS' the N102 will be populated with 'Mass Transition Customer'  When ERCOT initiates the Acquisition Transfer transaction where BGN07 = 'AQ', the N102 will be populated with 'Acquisition Transfer Customer' | | | | | | | |

**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:** |  | Zip Code (N403) is Required. The first 5 characters will be used for validation. |
|  |  | 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. | | | |

**Segment: PER Administrative Communications Contact (Contact Name/Number)**

**Position:** 080

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** >1

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

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

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

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

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | The customer contact name should be formatted as follows:  LAST, FIRST NAME  Only one PER~IC will be sent per transaction.  Required if the transaction is associated with a Switch (814\_01), Mass Transition Drop, or Move In (814\_16). The segment is not used if the transaction is associated with a Move Out with CSA.  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. |
|  |  | Only one comma will be used for the following examples:  PER~IC~SNOW, JOE RAY JR  PER~IC~SNOW, JOE RAY JR~TE~8005551212  PER~IC~SNOW, JOE RAY JR~TE~8005551212~TE~8005552121  PER~IC~MASS TRANSITION CUSTOMER (Required when BGN07= 'TS'.  Default is 'Mass Transition Customer' for both IOU and MOU/EC TDSP ESI IDs)  PER~IC~ACQUISITION TRANSFER CUSTOMER (Required when BGN07= 'AQ'.  Default is ‘Acquisition Transfer Customer for both IOU and MOU/EC TDSP ESI IDs) |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **PER01** | **366** | **Contact Function Code** | | | | **M** |  | **ID 2/2** | |
|  | | | Code identifying the major duty or responsibility of the person or group named | | | | | | |
|  | | | | IC |  | Information Contact | | | |
| **Must Use** | **PER02** | **93** | **Name** | | | | **M** |  | **AN 1/60** | |
|  | | | Free-form name | | | | | | |
|  | **PER03** | **365** | **Communication Number Qualifier** | | | | **O** |  | **ID 2/2** | |
|  | | | Code identifying the type of communication number | | | | | | |
|  | | | | TE |  | Telephone | | | |
|  | **PER04** | **364** | **Communication Number** | | | | **C** |  | **AN 1/80** | |
|  | | | Complete communications number including country or area code when applicable | | | | | | |
|  | | | Punctuation (spaces, dashes, symbols etc.) must be excluded. | | | | | | |
|  | **PER05** | **365** | **Communication Number Qualifier** | | | | **O** |  | **ID 2/2** | |
|  | | | Code identifying the type of communication number | | | | | | |
|  | | | | TE |  | Telephone | | | |
|  | **PER06** | **364** | **Communication Number** | | | | **C** |  | **AN 1/80** | |
|  | | | Complete communications number including country or area code when applicable | | | | | | |
|  | | | Punctuation (spaces, dashes, symbols etc.) must be excluded. | | | | | | |

**Segment: PER Administrative Communications Contact (Permit Name)**

**Position:** 080

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** >1

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

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

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

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

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required if a move-in request is for an ESI ID, which requires an occupancy permit. The Applicable Legal Authority (ALA) will notify the TDSP directly of the completed permit. The name provided in the PER02 must match the name on the occupancy permit.  Only one PER~PN will be sent per transaction.  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. |
|  |  | PER~PN~SNOW, JOE RAY JR  PER~PN~ JOE RAY SNOW JR  PER~PN~BAILEY BUILDING AND LOAN  PER~PN~OCCUPANT |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **PER01** | **366** | **Contact Function Code** | | | | **M** |  | **ID 2/2** | |
|  | | | Code identifying the major duty or responsibility of the person or group named | | | | | | |
|  | | | | PN |  | Permit Contact Name | | | |
| **Must Use** | **PER02** | **93** | **Name** | | | | **M** |  | **AN 1/60** | |
|  | | | Free-form name | | | | | | |

**Segment: PER Administrative Communications Contact (Power Outage Contact Information)**

**Position:** 080

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

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

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

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

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

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Only one (1) PER~PO segment will be sent per transaction  PER~PO~~TE~8005551212~~~ EM~NAME@ISP.COM  PER~PO~~~~PC~8005555551~EM~NAME@ISP.COM  PER~PO~~~~~EM~NAME@ISP.COM |
|  |  | At least one of the 3 forms of communication is required Telephone (PER04), Personal Cellular (PER06) or Email (PER08).  Optional |
|  |  | PER~PO~~TE~8005551212~ PC~8005555551~EM~NAME@ISP.COM |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **PER01** | **366** | **Contact Function Code** | | | | **M** |  | **ID 2/2** | |
|  | | | Code identifying the major duty or responsibility of the person or group named | | | | | | |
|  | | | Power Outage Contact Information | | | | | | |
|  | | | | PO |  | Production Representative | | | |
|  | | | | | | An industrial specialist assigned to a contract administration office and charged with production surveillance of government contracts being performed in the plant or plants under the production representative's cognizance | | | |
|  | **PER03** | **365** | **Communication Number Qualifier** | | | | **X** |  | **ID 2/2** | |
|  | | | Code identifying the type of communication number | | | | | | |
|  | | | | TE |  | Telephone | | | |
| **Dep** | **PER04** | **364** | **Communication Number** | | | | **X** |  | **AN 1/80** | |
|  | | | Complete communications number including country or area code when applicable | | | | | | |
|  | **PER05** | **365** | **Communication Number Qualifier** | | | | **X** |  | **ID 2/2** | |
|  | | | Code identifying the type of communication number | | | | | | |
|  | | | | PC |  | Personal Cellular | | | |
| **Dep** | **PER06** | **364** | **Communication Number** | | | | **X** |  | **AN 1/80** | |
|  | | | Complete communications number including country or area code when applicable | | | | | | |
|  | **PER07** | **365** | **Communication Number Qualifier** | | | | **X** |  | **ID 2/2** | |
|  | | | Code identifying the type of communication number | | | | | | |
|  | | | | EM |  | Electronic Mail | | | |
| **Dep** | **PER08** | **364** | **Communication Number** | | | | **X** |  | **AN 1/80** | |
|  | | | Complete communications number including country or area code when applicable | | | | | | |

**Segment: N1 Name (Customer Billing Name)**

**Position:** 040

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

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

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

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

**Semantic Notes:**

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

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

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required if ESI ID is located in Muni/Coop area, unless otherwise indicated in Retail Market Guide Section 8.1. Otherwise not used.  ERCOT will populate the N102 with 'Mass Transition Customer' for MOU/EC TDSP ESI IDs for a Mass Transition (BGN07 = 'TS').  ERCOT will populate the N102 with 'Acquisition Transfer Customer' for MOU/EC TDSP ESI IDs for an Acquisition (BGN07 = 'AQ')  ERCOT will not do this validation.  IOU TDSPs may reject the transaction if they receive this information. If the IOU TDSP accepts the transaction, the billing information will be discarded, and the IOU TDSP will not be responsible for any billing expectations of the CR.  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~BT~DOE, JOHN |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | BT |  | Bill-to-Party | | | | |
|  | | | | | | Customer Billing Name/Address | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | Name associated with billing address and the format of LAST NAME, FIRST NAME.  Only comma will be used per the following examples:  N1~BT~DOE, JOHN  N1~BT~DOE, JOHN JR | | | | | | | |

**Segment: N2 Additional Name Information (Customer Billing Name Overflow)**

**Position:** 050

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 2

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

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional  Used if ESI ID is located in Muni/Coop area, unless otherwise indicated in Retail Market Guide Section 8.1. Otherwise not used.  ERCOT will not do this validation.  IOU TDSPs may reject the transaction if they receive this information. If the IOU TDSP accepts the transaction, the billing information will be discarded, and the IOU TDSP will not be responsible for any billing expectations of the CR.  Only one N2 will be sent per N1~BT Customer Billing Name loop.  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. |
|  |  | N2~C/O ACCOUNTS PAYABLE DISTRIBUTION |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

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

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

**Position:** 060

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 2

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

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required if ESI ID is located in Muni/Coop area, unless otherwise indicated in Retail Market Guide Section 8.1. Otherwise not used.  ERCOT will populate the N301/N302 with Service Address for MOU/EC TDSP ESI IDs in response to a Mass Transition or Acquisition Transfer, unless otherwise indicated in Retail Market Guide Section 8.1.  ERCOT will not do this validation.  IOU TDSPs may reject the transaction if they receive this information. If the IOU TDSP accepts the transaction, the billing information will be discarded, and the IOU TDSP will not be responsible for any billing expectations of the CR.  Only one N3 will be sent per N1~BT Customer Billing Name 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 | | | |
|  | | | Billing Address | | | |
| **Dep** | **N302** | **166** | **Address Information** | **O** |  | **AN 1/55** | |
|  | | | Address information | | | |
|  | | | Billing Address Overflow  Condition: If there is an overflow, it must be sent. | | | |

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

**Position:** 070

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

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

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

**Semantic Notes:**

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

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

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required if ESI ID is located in Muni/Coop area, unless otherwise indicated in Retail Market Guide Section 8.1. Otherwise not used.  ERCOT will populate the N401/N402/N403 with City Name, State and Postal Code of Service Address as a default for MOU/EC TDSP ESI IDs in the absence of current REP of Record's Customer Information in response to a Mass Transition or Acquisition Transfer, unless otherwise indicated in Retail Market Guide Section 8.1.  ERCOT will not do this validation.  IOU TDSPs may reject the transaction if they receive this information. If the IOU TDSP accepts the transaction, the billing information will be discarded, and the IOU TDSP will not be responsible for any billing expectations of the CR. |
|  |  | N4~ANYTOWN~TX~78111  N4~ANYTOWN~TX~781110001  N4~MISSISSAUGA~ON~L4W4E4~CA |

**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 | | | | | | |
| **Dep** | **N402** | **156** | **State or Province Code** | | | | **O** |  | **ID 2/2** | |
|  | | | Code (Standard State/Province) as defined by appropriate government agency | | | | | | |
|  | | | Condition: Required if Customer Billing Address is in the United States, Canada, or any other country that has defined state or province as part of the mailing address. | | | | | | |
| **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 uppercase letters (A to Z) and digits (0 to 9). Note that punctuation (spaces, dashes, etc.) must be excluded. | | | | | | |
| **Dep** | **N404** | **26** | **Country Code** | | | | **O** |  | **ID 2/3** | |
|  | | | Code identifying the country | | | | | | |
|  | | | For country codes not listed, please refer to ISO 3166  Required if address is outside the United States | | | | | | |
|  | | | | CA |  | Canada | | | |
|  | | | | CH |  | Switzerland | | | |
|  | | | | DE |  | Germany | | | |
|  | | | | ES |  | Spain | | | |
|  | | | | FR |  | France | | | |
|  | | | | GB |  | United Kingdom | | | |
|  | | | | IT |  | Italy | | | |
|  | | | | JP |  | Japan | | | |
|  | | | | MX |  | Mexico | | | |
|  | | | | PR |  | Puerto Rico | | | |
|  | | | | SE |  | Sweden | | | |

**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~~40 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 8S |  | Consumer Service Provider (CSP) | | | | |
|  | | | | | | Transmission Distribution Service Provider (TDSP) | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | TDSP Name | | | | | | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |
|  | | | | 1 |  | D-U-N-S Number, Dun & Bradstreet | | | | |
|  | | | | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
| **Must Use** | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | TDSP D-U-N-S Number or D-U-N-S + 4 Number | | | | | | | |
| **Must Use** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 40 |  | Receiver | | | | |

**Segment: N1 Name (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 |

**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 | | | | | | | |

**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:** |  | ERCOT will validate the Self Selected switch date (DTM~MRR) and code (LIN##=SW), if requested on the Enrollment Request (814\_01). If both codes are not present, the meter will be read on the Standard switch timeline, and the LIN pair (SH~SW) will not be forwarded to the Utility.  When the BGN07 = TS ERCOT will generate all 814\_03 Transactions to the TDSP with the following requirements for each ESI ID involved in the Transition:  Special Read for Self Selected Switch  Historical Interval Usage  With the BGN07 = AQ ERCOT will generate all 814\_03 transactions to the TDSP requesting Historical Interval Usage  Otherwise, this LIN will contain the same services (e.g., HU) listed in the LIN of the...  ... Enrollment Request (814\_01)  ... Move In Request (814\_16)  ... Move Out Request (814\_24)  Essentially, it is an "echo" except that the LIN01 may be different and the services do not have to be in the same order.  Only 1 LIN Loop per EDI transaction is accepted in the Texas Market |
|  |  | Required |
|  |  | The following examples are all inclusive. Other combinations cannot be requested; for example, both HI and HU, both SW and MVI, cannot be requested for the same ESI ID. The LIN07 and the LIN09 cannot contain the same value.  LIN~1~SH~EL~SH~CE  Standard Switch  LIN~1~SH~EL~SH~CE~SH~SW  Switch with Self Selected Read  LIN~1~SH~EL~SH~CE~SH~HU  Standard Switch with Historical Usage Request  LIN~1~SH~EL~SH~CE~SH~SW~SH~HU  LIN~1~SH~EL~SH~CE~SH~HU~SH~SW  Switch with Self Selected Read and Historical Usage Request  LIN~1~SH~EL~SH~CE~SH~HI  Standard Switch with Detail Historical Interval Usage Request  LIN~1~SH~EL~SH~CE~SH~SW~SH~HI  LIN~1~SH~EL~SH~CE~SH~HI~SH~SW  Switch with Self Selected Read and Detail Historical Interval Usage Request  LIN~1~SH~EL~SH~CE~SH~MVI  Move In  LIN~1~SH~EL~SH~CE~SH~MVI~SH~HU  LIN~1~SH~EL~SH~CE~SH~HU~SH~MVI  Move In with Historical Usage Request  LIN~1~SH~EL~SH~CE~SH~MVI~SH~HI  LIN~1~SH~EL~SH~CE~SH~HI~SH~MVI  Move In with Detail Historical Interval Usage Request  LIN~1~SH~EL~SH~CE~SH~MVO  Move Out sent to TDSP when there is a switch to CSA CR  LIN~1~SH~EL~SH~CE~SH~SW~SH~HI  LIN~1~SH~EL~SH~CE~SH~HI~SH~SW  ERCOT initiated Mass Transition transfer to CR with a Self Selected switch with Historical Interval Usage request  LIN~1~SH~EL~SH~CE~SH~HI  ERCOT initiated Acquisition Transfer to CR with a Standard Switch with Historical  Interval Usage request  LIN~1~SH~EL~SH~CE~SH~SW~SH~HI  LIN~1~SH~EL~SH~CE~SH~HI~SH~SW  ERCOT initiated Acquisition Transfer to CR with a Self Selected switch with Historical Interval Usage request |

**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 | | | | | | | |
|  | | | | HI |  | Historical Interval Usage | | | | |
|  | | | | | | Request to obtain Historical Interval Usage for this premise by interval.  If the intervals are available, the TDSP will send the 867\_02 Historical Usage, containing the following two PTD Loops:  PTD~BO (Interval Summary)  PTD~PM (Interval Detail)  If this ESI ID does not have interval meters, or if the intervals are not available, the TDSP will send the 867\_02 Historical Usage, containing any of the following PTD Loops, as appropriate, along with a status code REF~1P~HIU:  PTD~BD (Unmetered Services)  PTD~BO (Interval Summary)  PTD~PL (Non-Interval Detail) | | | |
|  | | | | HU |  | Historical Summarized Usage | | | | |
|  | | | | | | Request to obtain Historical Summarized Usage for this premise (interval, non-interval or unmetered). The TDSP will send the 867\_02 Historical Usage, which may contain any of the following PTD Loops:  PTD~BD (Unmetered Services)  PTD~BO (Interval Summary)  PTD~PL (Non-Interval Detail) | | | |
|  | | | | MVI |  | Move In | | | | |
|  | | | | | | Request for a customer enrollment when a new customer moves into a premise. | | | |
|  | | | | MVO |  | Move Out | | | | |
|  | | | | | | Notification that the customer is moving out of the premise. On this transaction, the Move Out is sent to the TDSP when there is a switch of CSA CR.  For a Continuous Service Agreement (CSA) MVO- Move In issued by ERCOT to the TDSP, ERCOT will provide CSA CUSTOMER as the default name in the N1~8R~ N102 | | | |
|  | | | | SW |  | Special Read for Self Selected Switch | | | | |
|  | | | | | | Request for a special meter read for a customer to switch on a specific date. DTM~MRR is required when requesting a Self Selected read. | | | |
|  | **LIN08** | **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 | | | | |
|  | **LIN09** | **234** | **Product/Service ID** | | | | **X** |  | **AN 1/48** | | |
|  | | | Identifying number for a product or service | | | | | | | |
|  | | | | HI |  | Historical Interval Usage | | | | |
|  | | | | HU |  | Historical Summarized Usage | | | | |
|  | | | | MVI |  | Move In | | | | |
|  | | | | MVO |  | Move Out | | | | |
|  | | | | SW |  | Special Read for Self Selected Switch | | | | |

**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~7~101 |

**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 | | | | | | | |
|  | | | | 101 |  | Service Change | | | | |
|  | | | | | | Switch CR Notification | | | |

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

**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~BLT will be sent per transaction.  IOU TDSPs may reject the transaction if they receive DUAL or LDC. If an IOU TDSP accepts the transaction with either of these codes, the Billing Type information will be discarded, and the IOU TDSP will not be responsible for DUAL or LDC billing expectations of the CR.  ERCOT will populate the REF02 with 'LDC' as a default for MOU/EC TDSP ESI IDs in the absence of current REP of Record's Customer Information in response to a Mass Transition or Acquisition Transfer, unless otherwise indicated in Retail Market Guide Section 8.1. |
|  |  | REF~BLT~ESP |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | BLT |  | Billing Type | | | | |
|  | | | | | | Indicates whether the bill is consolidated by the TDSP or CR, or whether each party will render their own bill. | | | |
| **Must Use** | **REF02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | | DUAL |  | Dual Billing | | | | |
|  | | | | | | Each party bills the customer for its portion | | | |
|  | | | | ESP |  | REP Consolidated Billing | | | | |
|  | | | | | | The CR bills the customer. | | | |
|  | | | | LDC |  | Utility Consolidated Billing | | | | |
|  | | | | | | The TDSP bills the customer | | | |

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

**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~PC will be sent per transaction. |
|  |  | REF~PC~DUAL |

**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 | | | | | | | |
|  | | | | PC |  | Production Code | | | | |
|  | | | | | | In consolidated billing, identifies which party will calculate the non-billing party's charges. | | | |
| **Must Use** | **REF02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | | DUAL |  | Dual Billing | | | | |
|  | | | | | | Dual Billing - each party calculates and sends its own portion of the bills. | | | |

**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: REF Reference Identification (Instructions)**

**Position:** 030

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

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

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

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

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

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Optional  Only one REF~RAA will be sent per transaction. |
|  |  | REF~RAA~~GATE COMBO 52L 42R TWO TIMES PAST 61 STOP AT 12 KEY TO 2ND GATE -2ND POST ON LEFT |

**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 | | | | | | | |
|  | | | | RAA |  | Restricted Availability Authorization | | | | |
|  | | | | | | Location, Directions, or Access Information | | | |
| **Must Use** | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | Instruction to location or access information. | | | | | | | |

**Segment: REF Reference Identification (Membership 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 in MOU/EC market, unless otherwise indicated in Retail Market Guide Section 8.1. Otherwise, not used. ERCOT does not validate whether or not the segment is required.  ERCOT will populate the REF03 with '9999999999' (10-digit numeric Membership ID) as a default for MOU/EC TDSP ESI IDs in the absence of current REP of Record's Customer Information in response to a Mass Transition or Acquisition Transfer, unless otherwise indicated in Retail Market Guide Section 8.1.  Only one REF~1W will be sent per transaction. |
|  |  | REF~1W~~1234567890 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | 1W |  | Membership Identification Number | | | | |
|  | | | | | | Membership Number or ID | | | |
| **Must Use** | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | Membership ID, account number or other value as assigned by the MOU/EC that positively identifies the end-use customer to the MOU/EC TDSP. Required if ESI ID is located in MOU/EC service territory, unless otherwise indicated in Retail Market Guide Section 8.1. | | | | | | | |

**Segment: REF Reference Identification (Special Needs 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  A "Y" in this field means that the customer is either:  A residential customer who qualifies through the Residential Critical Care Eligibility Determination Form, as issued by the PUCT.  Or  A customer for whom electric service is considered crucial for the protection and maintenance of public safety pursuant to Subst. Rules 25.52 and 25.53.  Or  An industrial customer for whom an interruption or suspension of service will create a dangerous or life threatening condition at the customers premise.  NOTE: For ERCOT initiated Mass Transition transactions (BGN07 = TS) and Acquisition Transfer transactions (BGN07 = AQ) all ESI IDs involved in the transition REF~SU - REF 02 will equal 'N' (No) Special Needs are not required.  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 Indicator | | | |
| **Must Use** | **REF02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | | N |  | No | | | | |
|  | | | | | | Special Needs are not required | | | |
|  | | | | Y |  | Yes | | | | |
|  | | | | | | Special Needs are required | | | |

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

**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:** |  | Not all TDSP tariffs support same-day move-ins.  On their respective websites, each TDSP will provide a table showing:  TDSP Priority Codes Used (02 - 08; Note that 01 will always be "standard")  Meaning of each Priority Code |
|  |  | Only one REF~PH will be sent per transaction. |
|  |  | REF~PH~02 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | PH |  | Priority Rating | | | | |
|  | | | | | | Priority Code | | | |
| **Must Use** | **REF02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | | 01 |  | Priority 01 - This must be "standard" | | | | |
|  | | | | 02 |  | Priority 02 | | | | |
|  | | | | 03 |  | Priority 03 | | | | |
|  | | | | 04 |  | Priority 04 | | | | |
|  | | | | 05 |  | Priority 05 | | | | |
|  | | | | 06 |  | Priority 06 | | | | |
|  | | | | 07 |  | Priority 07 | | | | |
|  | | | | 08 |  | Priority 08 | | | | |
|  | | | | 09 |  | Priority 09 | | | | |
|  | | | | 10 |  | Priority 10 | | | | |
|  | | | | | | 11 - 99 Priority Codes may go as high as 99 | | | |

**Segment: DTM Date/Time Reference (Move In Date)**

**Position:** 040

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

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

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

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

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

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required if Move In was requested on the Move In Request (814\_16) and was not denied by ERCOT for technical reasons.  Only one DTM~375 will be sent per transaction. |
|  |  | DTM~375~20010415 |

**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 | | | | | | | |
|  | | | | 375 |  | Delivery Start | | | | |
|  | | | | | | Move In Date | | | |
| **Must Use** | **DTM02** | **373** | **Date** | | | | **X** |  | **DT 8/8** | | |
|  | | | Date expressed as CCYYMMDD | | | | | | | |

**Segment: DTM Date/Time Reference (First Available Switch Date)**

**Position:** 040

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

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

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

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

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

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required  Note: ERCOT will populate both First Available Switch Date (DTM~656) and Special Read Date for Self Selected Switch (DTM~MRR) with the same date for a Mass Transition (BGN07 = 'TS').  Note: ERCOT will populate the First Available Switch Date (DTM~656) with current date in the acquisition requests a standard timeline for an Acquisition Transaction (BGN07 = 'AQ')  ERCOT will populate both First Available Switch Date (DTM~656) and Special Read Date for Off-Cycle Switch (DTM~MRR) with the same date for an Acquisition Transfer if the acquisition requests a Self Selected Timeline (BGN07 = 'AQ).  Only one DTM~656 will be sent per transaction. |
|  |  | DTM~656~20010410 |

**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 | | | | | | | |
|  | | | | 656 |  | Last Date to Object | | | | |
|  | | | | | | First Available Switch Date | | | |
| **Must Use** | **DTM02** | **373** | **Date** | | | | **X** |  | **DT 8/8** | | |
|  | | | Date expressed as CCYYMMDD | | | | | | | |

**Segment: DTM Date/Time Reference (Special Read Date for Self Selected Switch)**

**Position:** 040

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

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

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

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

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

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required if Special Meter Read was requested on the Enrollment Request (814\_01) and was not rejected by ERCOT for technical reasons. Also required for a Move Out when a CSA exists and final usage is requested.  Required when BGN07='TS' for Mass Transition transaction initiated by ERCOT.  Note: ERCOT will populate both Special Read Date for Self Selected Switch (DTM~MRR) and First Available Switch Date (DTM~656) with the same date for a Mass Transition (BGN07 = 'TS').  Note: ERCOT will populate both Special Read Date for Off-Cycle Switch (DTM~MRR) and First Available Switch Date (DTM~656) with the same date for an Acquisition Transfer if the acquisition requests a Self Selected Timeline (BGN07 = 'AQ).  ERCOT will only populate the First Available Switch Date (DTM~656) if the acquisition requests a standard switch timeline.  Only one DTM~MRR will be sent per transaction. |
|  |  | DTM~MRR~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 | | | | | | | |
|  | | | | MRR |  | Meter Reading | | | | |
|  | | | | | | The date the CR would like to have the meter read and the customer switched to the CR's service. This will not change the meter read cycle.  The date populated by ERCOT for a Mass Transition to transfer the ESI ID from CR to CR | | | |
| **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~15~000000001 |

**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 | | | |