**Texas**

**Standard**

**Electronic**

**Transaction**

**814\_16:**

##### Move In Request

Electronic Data Interchange

ANSI ASC X12 Ver/Rel 004010

Transaction Set 814

**Texas 814\_16:**

Move In Request

This transaction set, from the New CR to ERCOT, is used to begin the Customer enrollment process for a Move-In.

Document Flow:

* New CR to ERCOT

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 code REF~WI (Notification Waiver) to Position 030 as Required with REF02 values of Y (Customer Waives their right to an Enrollment Notification Letter) and N (Enrollment Notification Letter will be sent to the customer). |
|  |  | * Changed N1~N1 and associated N3 & N4 (Notification Name/Address) to “Required if the customer has not waived its right to a notification letter.” |
|  |  | * 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.” |
|  |  | * Put REF~Q5 and REF~SU in alphabetical order. |
|  |  | * Changed Historical Usage request codes and examples and removed the LIN10 and LIN11. Also changed T814\_16 to match T814\_17 where “MVI” code must be in LIN07. |
|  |  | * Change transaction description page. |
|  |  | * Change note on N1 Name(Customer Notification Name) to “Required”. |
|  |  | * Change note on N3 Address Information (Customer Notification Mailing Address) to “Required”. |
|  |  | * Change note on N4 Geographic Location (Customer Notification Mailing Address) to “Required”. |
|  |  | * Remove REF Reference Identification (Notification Waiver) Segment. |
|  |  |  |
| 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 |
|  |  | * Changed N1~N1 (Customer Notification Addresss) Loop (including N3 & N4) to required |
|  |  | * Changed DTM (Move-In Date) segment gray box to required |
|  |  | * Removed Example 4, which was for a request for both historical and summarized usage (which is invalid) |
|  |  |  |
| August 3, 2001  Version 1.4 |  | The following changes were made: |
|  |  | * Added a new REF~PH (Priority Code) |
|  |  |  |
| 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. |
|  |  | * Change Control 2002-259 – Changed Life Support Indicator to Special Needs Indicator 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 2002-341 – Corrected SE counts in Examples |
| 9/15/02 |  | * Change Control 2002-364 – Modified gray box of the N4.02 of the N1~BT |
|  |  | * Change Control 2002-367 – Modified gray box for “DUAL” in the REF~PC |
| 10/15/02 |  | * Change Control 2002-430 – Removed PER segment from the N1~N1 loop and placed it correctly into the N1~8R loop. PER gray box references 430 as it is the most recently approved change control |
| 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 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. |
| 7/18/03 |  | * Change Control 2003-525 Add PER segment to the 814\_16 and 814\_03, update examples. |
| July 17,2003  Version 2.0 |  | The following changes were made: |
| 8/15/03 |  | * Change Control 2003-547 – Please include the Move-In/Move-Out Task Force (MIMO) High Level Requirement Specification as part of the Baseline for Version 2.0. |
| October 8, 2004  Version 2.0A |  | Change Control 2004-613:   * 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.” |
| 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 2006-694:   * ERCOT validation is allowing only 5 or 9 digits in the customer service address zip segment. ANSI validation on the segment is 3 to 15 characters. Updated so that Market Participants know that only 5 or 9 digits can be submitted in this field. |
| November 30, 2010  Version 3.0A |  | Change Control 2007-713:   * Revise inconsistent language in the gray box on REF~PH for priority move-ins.   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 |
| June 11, 2012  Version 4.0 |  | 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 2010-752:   * Remove incorrect link for locating ISO country codes from TX SET implementation Guides.   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 segment (membership ID) to be required in MOU/EC market unless otherwise indicated in Retail Market Guide Section 8.1 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. |

**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~13~200104011956531~20010401~~~~~16  Move-In Request to Reverse Switch due to Customer's Right of Rescission  BGN~13~200104011956531~20010401~~~~CR~16  Move-In Request to Reverse a Switch or Move-In due to an Inadvertent Gain  BGN~13~200104011956531~20010401~~~~IA~16 |

**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. | | | | | | | |
|  | **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 | | | | | | | |
|  | | | | CR |  | Credit Memo | | | | |
|  | | | | | | Customer Rescission: | | | |
|  | | | | | | Required for CR initiated transaction to inform TDSP that 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 transaction is being used to reverse a Switch or Move-In due to an Inadvertent Gain/Loss. | | | |
| **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. | | | | | | | |
|  | | | | 16 |  | Consider | | | | |
|  | | | | | | Indicates Texas SET Transaction 814\_16 | | | |

**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 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:** |  | Zip Code (N403) is Required. The first 5 characters will be used for validation against service zip stored at ERCOT. |
|  |  | 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: 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  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.  Required  Only one PER~IC will be sent per transaction. |
|  |  | 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 |

**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 Contact 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. MIMO Rules, REP 4, TDSP 2  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 PER~PN will be sent per transaction. |
|  |  | PER~PN~SNOW, JOE RAY JR  PER~PN~ JOE RAY SNOW JR  PER~PN~BAILEY BUILDING AND LOAN |

**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 Name | | | | |
|  | | | | | | Permit 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 |
|  |  | 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 | | | | | | | |
|  | | | | 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 | | | | |
|  | | | | | | Power Outage Contact Information | | | |
|  | **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 (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~~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 | | | | | | | |
|  | | | | 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 | | | | |

**Segment: N1 Name (Customer Notification 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  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~N1~CUSTOMER NOTIFICATION 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 | | | | | | | |
|  | | | | N1 |  | Notify Party no. 1 | | | | |
|  | | | | | | Customer Notification Name | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | Customer name as provided by the CR for correspondence | | | | | | | |

**Segment: N2 Additional Name Information (Customer Notification 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  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 N2 will be sent per N1~N1 Customer Notification Name loop. |
|  |  | N2~D/B/A ABC COMPANY~C/O JOHN DOE |

**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 Notification Mailing Address)**

**Position:** 060

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 2

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

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required  Only one N3 will be sent per N1~N1 Customer Notification 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 | | | |
|  | | | Notification Address | | | |
| **Dep** | **N302** | **166** | **Address Information** | **O** |  | **AN 1/55** | |
|  | | | Address information | | | |
|  | | | Notification Address Overflow  Condition: If there is an overflow, it must be sent. | | | |

**Segment: N4 Geographic Location (Customer Notification Mailing 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 |
|  |  | 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 applicable. | | | | | | |
| **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 (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, otherwise not used.  ERCOT will not do this validation.  IOU TDSPs will reject if they receive this information.  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, otherwise not used.  ERCOT will not do this validation.  IOU TDSPs will reject if they receive this information.  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. |
|  |  | Optional  Only one N2 will be sent per N1~BT Customer Billing Name loop. |
|  |  | 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, otherwise not used.  ERCOT will not do this validation.  IOU TDSPs will reject if they receive this information.  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, otherwise not used.  ERCOT will not do this validation.  IOU TDSPs will reject if they receive this information. |
|  |  | 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 (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~~41 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | SJ |  | Service Provider | | | | |
|  | | | | | | Competitive Retailer (CR) | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | CR Name | | | | | | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |
|  | | | | 1 |  | D-U-N-S Number, Dun & Bradstreet | | | | |
|  | | | | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
| **Must Use** | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | CR D-U-N-S Number or D-U-N-S + 4 Number | | | | | | | |
| **Must Use** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 41 |  | Submitter | | | | |

**Segment: LIN Item Identification**

**Position:** 010

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify basic item identification data

**Syntax Notes:** **1** If either LIN04 or LIN05 is present, then the other is required.

**2** If either LIN06 or LIN07 is present, then the other is required.

**3** If either LIN08 or LIN09 is present, then the other is required.

**4** If either LIN10 or LIN11 is present, then the other is required.

**5** If either LIN12 or LIN13 is present, then the other is required.

**6** If either LIN14 or LIN15 is present, then the other is required.

**7** If either LIN16 or LIN17 is present, then the other is required.

**8** If either LIN18 or LIN19 is present, then the other is required.

**9** If either LIN20 or LIN21 is present, then the other is required.

**10** If either LIN22 or LIN23 is present, then the other is required.

**11** If either LIN24 or LIN25 is present, then the other is required.

**12** If either LIN26 or LIN27 is present, then the other is required.

**13** If either LIN28 or LIN29 is present, then the other is required.

**14** If either LIN30 or LIN31 is present, then the other is required.

**Semantic Notes:** **1** LIN01 is the line item identification

**Comments:** **1** See the Data Dictionary for a complete list of IDs.

**2** LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required  Only 1 LIN Loop per EDI transaction is accepted in the Texas Market |
|  |  | LIN~1~SH~EL~SH~CE~SH~MVI  Move In  LIN~1~SH~EL~SH~CE~SH~MVI~SH~HU  Move In with Historical Summarized Usage Request  LIN~1~SH~EL~SH~CE~SH~MVI~SH~HI  Move In with Detail 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 | | | | |
| **Must Use** | **LIN06** | **235** | **Product/Service ID Qualifier** | | | | **X** |  | **ID 2/2** | | |
|  | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | | | | |
|  | | | | SH |  | Service Requested | | | | |
| **Must Use** | **LIN07** | **234** | **Product/Service ID** | | | | **X** |  | **AN 1/48** | | |
|  | | | Identifying number for a product or service | | | | | | | |
|  | | | | MVI |  | Move In | | | | |
|  | | | | | | Request for a customer enrollment when a new customer moves into a premise. | | | |
|  | **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 | | | | |
|  | | | | | | 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) | | | |

**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~7~021 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **ASI01** | **306** | **Action Code** | | | | **M** |  | **ID 1/2** | |
|  | | | Code indicating type of action | | | | | | |
|  | | | | 7 |  | Request | | | |
| **Must Use** | **ASI02** | **875** | **Maintenance Type Code** | | | | **M** |  | **ID 3/3** | |
|  | | | Code identifying the specific type of item maintenance | | | | | | |
|  | | | | 021 |  | Addition | | | |

**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. |
|  |  | 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 |  | ESP Consolidated Billing | | | | |
|  | | | | | | The CR bills the customer. | | | |
|  | | | | LDC |  | LDC 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 its own portion of the bill. | | | |

**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.  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  Only one REF~SU will be sent per transaction.  A "Y" in this field means that the customer is either:  A residential customer who qualifies through the Residential Critical Care Eligibility Determination Form, as issued by the PUCT.  Or  A customer for which electric service is considered crucial for the protection and maintenance of public safety pursuant to Subst. Rules 25.52 and 25.53.  Or  An industrial customer for whom an interruption or suspension of service will create a dangerous or life threatening condition at the customers premise. |
|  |  | 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:** |  | Optional  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 | | | | | | | |
|  | | | All "standard" Move-Ins will be "01"  Each TDSP shall make available what code they require for "priority" (i.e. same day or next day service) | | | | | | | |
|  | | | | 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  Only one DTM~375 will be sent per transaction. |
|  |  | DTM~375~20010428 |

**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: 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~19~000000001 |

**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 | | | |