**Texas**

**Standard**

**Electronic**

**Transaction**

**814\_26:**

##### Historical Usage Request

Electronic Data Interchange

ANSI ASC X12 Ver/Rel 004010

Transaction Set 814

**Texas 814\_26:**

Historical Usage Request

This transaction set...

... from the CR to ERCOT, is used to request the historical usage for an ESI ID.

... from ERCOT to the TDSP, it is a pass through of the CR’s 814\_26 Ad-hoc Historical Usage Request.

Document Flow:

* CR to ERCOT
* 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 23, 2000  Version 1.1 |  | The following changes were made: |
|  |  | * Changed Historical Usage request codes and examples and removed the LIN06 and LIN07. |
|  |  | * Changed transaction description page and title of the transaction. |
| 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 BGN06 Element to BGN segment per Change Control #2000-037. |
|  |  | * 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 |
|  |  | * Changed RA/Clearinghouse to ERCOT |
|  |  | * Corrected N1~8R Customer Name segment in all examples to proper code |
|  |  | * Corrected HU and HI codes in LIN (they previously referred to incorrect PTD loops) |
|  |  | * Corrected SE Count on examples |
|  |  | * Removed N1~8S TDSP segment from examples 1 & 2 |
| August 3, 2001  Version 1.4 |  | No Changes made for Version 1.4 |
| May 1, 2002  Version 1.5 |  | The following changes were made: |
|  |  | * Remove “9” as option for ERCOT Duns. Ref. 2002-267 |
| 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 |
| September 29th, 2003  Version 2.0 |  | No Changes for version 2.0 |
| October 8, 2004  Version 2.0A |  | Change Control 2004-634:   * As per discussions at the June 04 TX SET meeting, additional language should be added to each Transaction Set to identify the requirements and required response to the 997 Functional acknowledgement – The Functional Acknowledgement (997) transaction set from the receiver of the originating transaction to the sender of the originating transaction, is used to acknowledge the receipt of the originating transaction and indicate whether the transaction passed ANSI X12 validation. This acknowledgement does not imply that the originating transaction passed Texas SET validation. “CR, TDSP, or ERCOT shall respond with a 997 within 24 hours of receipt of an inbound transaction.” |
| March 1, 2005  Version 2.1 |  | Change Control 2003-569:   * Provide gray box clarification to the LIN segment to indicate that the Texas Market supports only 1 LIN loop per EDI Transaction.   Change Control 2005-683:   * Add clarity to the transaction notes section regarding the Texas Market use of characters in alphanumeric fields |
| September 1, 2006  Version 3.0 |  | Change Control 2006-694:   * 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 2009-729:   * Remove all examples from the TX SET Implementation guides and post them into a separate document for quicker correction and addition of new examples without a TX SET release |
| June 11, 2012  Version 4.0 |  | 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. |
| November 2, 2020  Version 4.0A |  | Change Control 2020-811:   * Administrative updates to the TX SET Guides in order to reflect actual transaction processing. Changes included limiting number of REF segments, clarification for punctuation and clarification of ESI ID format.   Change Control 2020-820   * Recipients of the Select Language Characters (Special Characters) found in the Extended Character Set of the Application Control Structure can be rejected with a 997 Reject. |
| November 11, 2024  Version 5.0 |  | 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 |  |  |  |  |  |  |
|  | 070 | N4 | Geographic Location | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Detail:**

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

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

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

**Transaction Set 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~~~~~26  BGN~13~200104021200719~20010402~~~200104011956531~~26 |

**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. | | | | | | | |
| **Dep** | **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 814\_26 Ad-Hoc Historical Usage Request when ERCOT forwards the request. | | | | | | | |
| **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. | | | | | | | |
|  | | | | 26 |  | Bankruptcy Filed - Review Account | | | | |
|  | | | | | | Indicates Texas SET Transaction 814\_26 | | | |

**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: 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:** |  | CR to ERCOT: Not Used  ERCOT to TDSP: Required |
|  |  | N1~8S~TDSP COMPANY~1~007909411~~40 (ERCOT to TDSP) |

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

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | AY |  | Clearinghouse | | | | |
|  | | | | | | ERCOT | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | ERCOT Name | | | | | | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |
|  | | | | 1 |  | D-U-N-S Number, Dun & Bradstreet | | | | |
| **Must Use** | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | ERCOT D-U-N-S Number | | | | | | | |
| **Must Use** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 40 |  | Receiver | | | | |
|  | | | | 41 |  | Submitter | | | | |

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

**Position:** 040

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

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

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

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

**Semantic Notes:**

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

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

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N1~SJ~CR NAME~1~007909422~~41 (CR to ERCOT)  N1~SJ~CR NAME~1~007909422 (ERCOT to TDSP) |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | SJ |  | Service Provider | | | | |
|  | | | | | | Competitive Retailer (CR) | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | CR Name | | | | | | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |
|  | | | | 1 |  | D-U-N-S Number, Dun & Bradstreet | | | | |
|  | | | | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
| **Must Use** | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | CR D-U-N-S Number or D-U-N-S + 4 Number | | | | | | | |
| **Dep** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | Required if CR is the sender, otherwise not used. | | | | | | | |
|  | | | | 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~HI  Request for Historical Usage for each detail interval, which also includes a summary by meter.  LIN~1~SH~EL~SH~HU  Request for Historical Usage at the Meter Level or for Unmetered Services |

**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 | | | | | | | |
|  | | | | 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~7~029 |

**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 | | | | | | |
|  | | | | 029 |  | Inquiry | | | |

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

**Position:** 030

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

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

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

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

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

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required  Only one REF~Q5 will be sent per transaction. |
|  |  | REF~Q5~~10111111234567890ABCDEFGHIJKLMNOPQRS |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | Q5 |  | Property Control Number | | | | |
|  | | | | | | Electric Service Identifier (ESI ID) | | | |
| **Must Use** | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | ESI ID  ESI ID will only contain uppercase letters (A to Z) and digits (0 to 9). Note that punctuation (spaces, dashes, etc.) and special characters must be excluded. ESI ID length must be at least 8 and no more than 36 characters. | | | | | | | |

**Segment: SE Transaction Set Trailer**

**Position:** 150

**Loop:**

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** **1** SE is the last segment of each transaction set.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | SE~11~000000001 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **SE01** | **96** | **Number of Included Segments** | **M** |  | **N0 1/10** | |
|  | | | Total number of segments included in a transaction set including ST and SE segments | | | |
| **Must Use** | **SE02** | **329** | **Transaction Set Control Number** | **M** |  | **AN 4/9** | |
|  | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | |