**Texas**

**Standard**

**Electronic**

**Transaction**

**814\_02:**

##### Switch Reject Response

Electronic Data Interchange

ANSI ASC X12 Ver/Rel 004010

Transaction Set 814

**Texas 814\_02:**

Switch Reject Response

This transaction set, from ERCOT to the new CR, is used by ERCOT to reject an enrollment request on the basis of incomplete or invalid information. This is a conditional transaction and will only be used as a negative response. If an 814\_02 Enrollment Reject Response is not received from ERCOT, the CR will receive a transaction 814\_05 (Premise Information and Enrollment Response.)

Document Flow:

* ERCOT to New CR

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

|  |  |  |
| --- | --- | --- |
|  |  | Summary of Changes |
| July 3, 2000  Version 1.0 |  | Initial Release | |
|  |  |  | |
| August 23, 2000  Version 1.1 |  | The following changes were made: | |
|  |  | * Changed Historical Usage request codes and examples and removed the LIN10 through LIN13. | |
|  |  | * Corrected name of T814\_05 on transaction description page (Page 2) | |
|  |  | * Added rejection reason codes “A83” and “API” in REF~7G | |
|  |  | * Change transaction description page | |
|  |  | * Added gray box to rejection reason code “B34” in REF~7G | |
|  |  |  | |
| December 12, 2000  Version 1.2 |  | The following changes were made: | |
|  |  | * Change the term Utility to Transmission Distribution Service Provider (TDSP) to match ERCOT Protocols. | |
|  |  | * Change the term Retail Electric Provider (REP) to Competitive Retailer (CR) to match ERCOT Protocols. | |
|  |  | * Change description page transaction purpose to read the same as ERCOT Protocols. | |
|  |  | * Insert the “How to use this Implementation Guide” page. | |
|  |  | * Remove “.” between X and 12 in all references to ANSI ASC X12. | |
|  |  | * Add examples to end of transaction. | |
|  |  | * Add BGN08 Element to indicate the TX SET Transaction Number per Change Control #2000-015. | |
|  |  | * Add the wording, “The following examples are all inclusive. Other combinations cannot be requested; for example, both HI and HU cannot be requested for the same ESI ID” to the LIN loop gray box. per Change Control #2000-026. | |
|  |  |  | |
| March 16, 2001  Version 1.3 |  | The following changes were made: | |
|  |  | * Corrected the How to Use this Implementation Guide page | |
|  |  | * Removed Scenario Names from page two | |
|  |  | * Changed RA/Clearinghouse to ERCOT | |
|  |  | * Example 1 - Fixed N1~SJ Name and REF~7G Date | |
|  |  |  | |
| August 3, 2001  Version1.4 |  | The following changes were made: | |
|  |  | * Modify the REF~7G gray box; add the statement, “More than one rejection reason code may be sent, by repeating the REF~7G segment.”. Ref. 2001-119 | |
|  |  | * Added new reject reason code to REF~7G. Ref. 2001-046 | |
|  |  | Included REDLINES from CHANGE CONTROLS:  2001-193 10/24/01 | |
|  |  |  | |
| June 17th, 2002  Version 1.5 |  | The following changes were made: | |
|  |  | * Change Control 2002-267 – Removed “9” Code from the N103 in the N1~AY Loop. | |
| 9/15/02 |  | * Change Control 2002-382 – Added Reject Code of “B33” to the REF~7G | |
| May 27th, 2003  Version 1.6 |  | The following changes were made: | |
| 5/27/03 |  | * Change Control 2002-386 – Removed D-U-N-S+4 from the N104 gray box in the N1~AY loop | |
| 5/29/03 |  | * Change Control 2002-469 Add/revise gray box explanation for the description of code ‘FRB’ in the REF~7G (Reject Code) segment for response transaction to be applicable to all billing parties, not just the Muni/Coop market | |
| July 18, 2003  Version 2.0 |  | * Change Control 2003-518 - Change gray box under NFI reject reason to reflect that it is only used when the initiating transaction is requesting a date that has already been scheduled. Remove reference to 'Another CR' | |
| 7/18/03 |  | * Change Control 2003-519 - New Reject code for transactions received in the 2-day window (5 day for switches) | |
| 7/18/03 |  | * Change Control 2003-520 - Change language on reject code '008' to indicate that it includes situations where the ESI ID is 'scheduled to be de-energized' on the date of request. | |
| 8/15/03 |  | * Change Control 2003-543 - Create new reject code for 814\_02 to reject second on-cycle switch | |
| 9/18/03 |  | * Change Control 2003-555 - Create a new reject code to be used by ERCOT for initiating transactions that contain the same original transaction ID | |
| 9/18/03 |  | * Change Control 2003-556 - Add gray box definition ‘Retired’ to the 814\_02, 814\_11, 814\_17, 814\_19, 814\_21, 814\_25, 814\_27, and 814\_PD | |
| 9/18/03 |  | * Change Control 2003-559 - Create a new reject code for the 814\_02 to be used by ERCOT for Switches received when a MVI is already scheduled | |
| 9/18/03 |  | * Change Control 2003-562 Add a new reject code to the 814\_02, 814\_17, 814\_25, 814\_04, and 814\_05 to indicate when the date requested is earlier than the start date of the ESI-ID | |
| 9/18/03 |  | * Change Control 2003-563 A new reject code to be used by ERCOT for rejecting duplicate transactions for the 814\_01, 08, 10, 12,16, 18, 20, 24, 26, & 28 | |
| 9/18/03 |  | * Change Control 2003-566 – Create a new reject code ‘SBD’ to indicate that the ESI-ID requested is scheduled to be de-energized on the date of the request. Add to the 814\_02, 814\_04, and 814\_05 * Remove gray box associated with the ‘008’ reject code from CC 2003-520 for the 814\_02 and add gray box ‘Retired’. Add ‘008’ code with gray box ‘Retired’ to the 814\_04, 814\_05 | |
| October 8, 2004  Version 2.0A |  | Change Control 2003-583:   * Modify the gray box for the DOT reject code to indicate the validation by ERCOT occurs against the ESI-ID, not the CR   Change Control 2004-634:   * As per discussions at the June 04 TX SET meeting, additional language should be added to each Transaction Set to identify the requirements and required response to the 997 Functional acknowledgement - The Functional Acknowledgement (997) transaction set from the receiver of the originating transaction to the sender of the originating transaction, is used to acknowledge the receipt of the originating transaction and indicate whether the transaction passed ANSI X12 validation. This acknowledgement does not imply that the originating transaction passed Texas SET validation. “CR, TDSP, or ERCOT shall respond with a 997 within 24 hours of receipt of an inbound transaction.”   Change Control 2004-630:   * In the LIN07, remove the DTM~MRR text from the SW data element since it is not being used. | |
| March 1, 2005  Version 2.1 |  | Change Control 2003-569:   * Provide gray box clarification to the LIN segment to indicate that the Texas Market supports only 1 LIN loop per EDI Transaction.   Change Control 2003-572:   * Add the short title “Earliest Available Switch Date” to the EAS Reject code (REF\*7G)   Change Control 2004-657:   * Update the REF~7G Gray boxes where any code references a MIMO rule but does not specifically state the text “MIMO Rules”   Change Control 2005-683:   * Add clarity to the transaction notes section regarding the Texas Market use of characters in alphanumeric fields | |
| September 1, 2006  Version 3.0 |  | Change Control 2006-692:   * Create transactional process for handling a CR to CR Mass Transition to reduce and/or eliminate the manual processes currently required to transition ESI IDs during a Mass Transition * Use existing reject REF~7G segment with new code of ‘017’ represents Service Terminated because Service Provider went Out of Business. | |
| November 30, 2010  Version 3.0A |  | Change Control 2009-729:   * Remove examples from Implementation Guides and create separate documents to allow for quicker correction and addition of new examples without a TX SET release   Change Control 2009-730:   * Update the term on-cycle to reflect Standard Switch and off-cycle to reflect Self Selected Switch | |
| 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 Texas SET Guides in order to reflect actual transaction processing. | |
|  |  |  | |

**How to Use this Implementation Guide**

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

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

**Position:** 030

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

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

1. If either C04003 or C04004 is present, then the other is required.
2. If either C04005 or C04006 is present, then the other is required.

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

**Comments:**

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

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

**Data Element Summary**

One or more examples.

**Ref. Data**

**Des. Element Name Attributes**

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

This column shows the Texas use of each data element.

This column shows the X12 attributes for each data element.

M = Mandatory

O = Optional

# X = Relational

C = Conditional

AN = Alphanumeric

N# = Implied Decimal at position #

ID = Identification

R = Real

1/30 = Minimum 1, Maximum 30

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

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

**814 General Request, Response or Confirmation**

ANSI ASC X12 Structure

**Functional Group ID=GE**

**Introduction:**

This Draft Standard for Trial Use contains the format and establishes the data contents of the General Request, Response or Confirmation Transaction Set (814) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request actions to be performed, to respond to a request for actions to be performed or to confirm information related to actions performed.

**Heading:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| M | 010 | ST | Transaction Set Header | M | 1 |  |  |  |  |  |  |  |  |
| M | 020 | BGN | Beginning Segment | M | 1 |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID – N1 |  |  | >1 |  |  |  |  |  |  |  |
|  | 040 | N1 | Name | O | 1 |  | n1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Detail:**

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

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

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

**Transaction Set Notes**

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

For use on an alphanumeric field, Texas SET recognizes all characters within the Basic Character Set. Within the Extended Character Set, Texas SET recognizes all character sets except all Select Language Characters found in Section 3.3.2 item (4) of X12 Application Control Structure. Exceptions to ANSI Standards for alphanumeric fields are noted in gray boxes of this Implementation Guide.

Receipt of the Select Language Characters found in Section 3.3.2 item (4) of the Application Control Structure may be rejected with a 997 Reject transaction by recipient.

For reference, the Select Language Characters found in Section 3.3.2 item (4) of the ANSI Standards are:

À|Á|Â|Ä|à|á|â|ä|È|É|Ê|è|é|ê|ë|Ì|Í|Î|ì|í|î|ï|Ò|Ó|Ô|Ö|ò|ó|ô|ö|Ù|Ú|Û|Ü|ù|ú|û|ü|Ç|ç|Ñ|ñ|¿|¡

**Segment: ST Transaction Set Header**

**Position:** 010

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the start of a transaction set and to assign a control number

**Syntax Notes:**

**Semantic Notes:** **1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | ST~814~000000001 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **ST01** | **143** | **Transaction Set Identifier Code** | | | | **M** |  | **ID 3/3** | |
|  | | | Code uniquely identifying a Transaction Set | | | | | | |
|  | | | | 814 |  | General Request, Response or Confirmation | | | |
| **Must Use** | **ST02** | **329** | **Transaction Set Control Number** | | | | **M** |  | **AN 4/9** | |
|  | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | | | | |

**Segment: BGN Beginning Segment**

**Position:** 020

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of a transaction set

**Syntax Notes:** **1** If BGN05 is present, then BGN04 is required.

**Semantic Notes:** **1** BGN02 is the transaction set reference number.

**2** BGN03 is the transaction set date.

**3** BGN04 is the transaction set time.

**4** BGN05 is the transaction set time qualifier.

**5** BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | BGN~11~200104021200719~20000402~~~200104011956531~~2 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **BGN01** | **353** | **Transaction Set Purpose Code** | | | | **M** |  | **ID 2/2** | | |
|  | | | Code identifying purpose of transaction set | | | | | | | |
|  | | | | 11 |  | Response | | | | |
| **Must Use** | **BGN02** | **127** | **Reference Identification** | | | | **M** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.  Transaction Reference numbers will only contain uppercase letters (A to Z) and digits (0 to 9). Note that punctuation (spaces, dashes, etc.) must be excluded. | | | | | | | |
| **Must Use** | **BGN03** | **373** | **Date** | | | | **M** |  | **DT 8/8** | | |
|  | | | Date expressed as CCYYMMDD | | | | | | | |
|  | | | The transaction creation date - the date that the data was processed by the sender's application system. | | | | | | | |
| **Must Use** | **BGN06** | **127** | **Reference Identification** | | | | **O** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | Refers to the BGN02 of the Enrollment Request (814\_01). This number will be tracked in the BGN06 through the lifecycle of the Registration Process. | | | | | | | |
| **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. | | | | | | | |
|  | | | | 2 |  | Change (Update) | | | | |
|  | | | | | | Indicates Texas SET Transaction 814\_02 | | | |

**Segment: N1 Name (ERCOT)**

**Position:** 040

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

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

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

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

**Semantic Notes:**

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

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

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N1~AY~ERCOT~1~183529049~~41 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

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

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

**Position:** 040

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

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

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

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

**Semantic Notes:**

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

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

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N1~SJ~CR NAME~1~007909422~~40 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

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

**Segment: LIN Item Identification**

**Position:** 010

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | This LIN will contain the same services (e.g., HU) listed in the LIN of the Enrollment Request (814\_01).  Only 1 LIN Loop per EDI transaction is accepted in the Texas Market |
|  |  | Required |
|  |  | The following examples are all inclusive. Other combinations cannot be requested; for example, both HI and HU cannot be requested for the same ESI ID. The LIN07 and the LIN09 cannot contain the same value.  EXAMPLE: LIN~1~SH~EL~SH~CE~SH~SW~SH~SW  LIN~1~SH~EL~SH~CE  Standard Switch Request  LIN~1~SH~EL~SH~CE~SH~SW  Switch with Self Selected Read Request  LIN~1~SH~EL~SH~CE~SH~HU  Standard Switch with Historical Summarized Usage Request  LIN~1~SH~EL~SH~CE~SH~SW~SH~HU  LIN~1~SH~EL~SH~CE~SH~HU~SH~SW  Switch with Self Selected Read and Historical Summarized Usage Request  LIN~1~SH~EL~SH~CE~SH~HI  Standard Switch with Detail Historical Interval Usage Request  LIN~1~SH~EL~SH~CE~SH~SW~SH~HI  LIN~1~SH~EL~SH~CE~SH~HI~SH~SW  Switch with Self Selected Read and Detail Historical Interval Usage Request |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **LIN01** | **350** | **Assigned Identification** | | | | **O** |  | **AN 1/20** | | |
|  | | | Alphanumeric characters assigned for differentiation within a transaction set | | | | | | | |
| **Must Use** | **LIN02** | **235** | **Product/Service ID Qualifier** | | | | **M** |  | **ID 2/2** | | |
|  | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | | | | |
|  | | | | SH |  | Service Requested | | | | |
| **Must Use** | **LIN03** | **234** | **Product/Service ID** | | | | **M** |  | **AN 1/48** | | |
|  | | | Identifying number for a product or service | | | | | | | |
|  | | | Commodity | | | | | | | |
|  | | | | EL |  | Electric Service | | | | |
| **Must Use** | **LIN04** | **235** | **Product/Service ID Qualifier** | | | | **X** |  | **ID 2/2** | | |
|  | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | | | | |
|  | | | | SH |  | Service Requested | | | | |
| **Must Use** | **LIN05** | **234** | **Product/Service ID** | | | | **X** |  | **AN 1/48** | | |
|  | | | Identifying number for a product or service | | | | | | | |
|  | | | | CE |  | Energy Services | | | | |
|  | **LIN06** | **235** | **Product/Service ID Qualifier** | | | | **X** |  | **ID 2/2** | | |
|  | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | | | | |
|  | | | | SH |  | Service Requested | | | | |
|  | **LIN07** | **234** | **Product/Service ID** | | | | **X** |  | **AN 1/48** | | |
|  | | | Identifying number for a product or service | | | | | | | |
|  | | | | HI |  | Historical Interval Usage | | | | |
|  | | | | | | Request to obtain Historical Interval Usage for this premise by interval.  If the intervals are available, the TDSP will send the 867\_02 Historical Usage, containing the following two PTD Loops:  PTD~BO (Interval Summary)  PTD~PM (Interval Detail)  If this ESI ID does not have interval meters, or if the intervals are not available, the TDSP will send the 867\_02 Historical Usage, containing any of the following PTD Loops, as appropriate, along with a status code REF~1P~HIU:  PTD~BD (Unmetered Services)  PTD~BO (Interval Summary)  PTD~PL (Non-Interval Detail) | | | |
|  | | | | HU |  | Historical Summarized Usage | | | | |
|  | | | | | | Request to obtain Historical Summarized Usage for this premise (interval, non-interval or unmetered). The TDSP will send the 867\_02 Historical Usage, which may contain any of the following PTD Loops:  PTD~BD (Unmetered Services)  PTD~BO (Interval Summary)  PTD~PL (Non-Interval Detail) | | | |
|  | | | | SW |  | Special Read for Self Selected Switch | | | | |
|  | | | | | | Request for a special meter read for a customer to switch on a specified date. | | | |
|  | **LIN08** | **235** | **Product/Service ID Qualifier** | | | | **X** |  | **ID 2/2** | | |
|  | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | | | | |
|  | | | | SH |  | Service Requested | | | | |
|  | **LIN09** | **234** | **Product/Service ID** | | | | **X** |  | **AN 1/48** | | |
|  | | | Identifying number for a product or service | | | | | | | |
|  | | | | HI |  | Historical Interval Usage | | | | |
|  | | | | HU |  | Historical Summarized Usage | | | | |
|  | | | | SW |  | Special Read for Self Selected Switch | | | | |

**Segment: ASI Action or Status Indicator**

**Position:** 020

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To indicate the action to be taken with the information provided or the status of the entity described

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Identifies the action to be taken or the status of a requested action for the service identified in the LIN segment. |
|  |  | Required |
|  |  | ASI~U~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 | | | | | | |
|  | | | | U |  | Reject | | | |
| **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 (Rejection Reason)**

**Position:** 030

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

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

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

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

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

**Comments:**

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | More than one rejection reason code may be sent, by repeating the REF~7G segment.  Required |
|  |  | REF~7G~A13~ADDITIONAL REASON TEXT HERE |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **REF01** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | 7G |  | Data Quality Reject Reason | | | | |
|  | | | | | | Reject reasons associated with a reject status notification. | | | |
| **Must Use** | **REF02** | **127** | **Reference Identification** | | | | **X** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | | 008 |  | ESI ID exists but is not active | | | | |
|  | | | | | | Retired | | | |
|  | | | | 017 |  | Service Terminated because the Service Provider went Out of Business | | | | |
|  | | | | | | Received initiating TX SET transaction from CR that is exiting the Market | | | |
|  | | | | 090 |  | Greater than 90 in the future | | | | |
|  | | | | | | Transaction requested a date greater than 90 days in the future | | | |
|  | | | | 270 |  | Greater than 270 in the past | | | | |
|  | | | | | | Transaction requested a date more than 270 days in the past | | | |
|  | | | | A13 |  | Other | | | | |
|  | | | | | | Explanation Required in REF03. | | | |
|  | | | | A76 |  | ESI ID Invalid or Not Found | | | | |
|  | | | | A83 |  | Invalid or Unauthorized Action | | | | |
|  | | | | | | Information provided was not supported in the Texas SET standards. | | | |
|  | | | | ACI |  | Action Code (ASI01) Invalid | | | | |
|  | | | | ANM |  | Energy Supplier not certified by Utility/Clearinghouse | | | | |
|  | | | | | | CR does not have a service agreement with the TDSP | | | |
|  | | | | API |  | Required information missing | | | | |
|  | | | | | | Explanation Required in REF03. May not be used in place of other, more specific error codes. | | | |
|  | | | | B30 |  | Currently Enrolled | | | | |
|  | | | | | | Already enrolled with the same CR | | | |
|  | | | | B33 |  | Customer Name is Missing from the Request | | | | |
|  | | | | | | Customer Name missing with the N1~8R PER Segment | | | |
|  | | | | B34 |  | Customer Notification Name and/or Address Invalid or Missing | | | | |
|  | | | | | | Cannot be used if REF~WI (Notification Waiver) is present. | | | |
|  | | | | D76 |  | DUNS Number Invalid or Not Found | | | | |
|  | | | | DOT |  | Duplicate Original Transaction ID | | | | |
|  | | | | | | Original Transaction ID (BGN02) already submitted on ESI-ID. For ERCOT Use Only. | | | |
|  | | | | DUP |  | Duplicate | | | | |
|  | | | | | | Transaction submitted contains the same BGN02, BGN06, (if applicable), and ESI-ID as another received transaction from the same CR. | | | |
|  | | | | EAS |  | Earliest Available Switch Date | | | | |
|  | | | | | | Rejection due to a requested date prior to the earliest available switch date | | | |
|  | | | | FRB |  | Incorrect Billing Type (REF~BLT) Requested | | | | |
|  | | | | | | Billing type indicated not supported by billing party. | | | |
|  | | | | FRC |  | Incorrect Bill Calculator (REF~PC) Requested | | | | |
|  | | | | MAR |  | Move In Already Received | | | | |
|  | | | | | | Move-In with an earlier date has already been received and scheduled. For ERCOT Use Only. | | | |
|  | | | | MTI |  | Maintenance Type Code (ASI02) Invalid | | | | |
|  | | | | NFI |  | Not First In | | | | |
|  | | | | | | Explanation Required in REF03. An initiating transaction has a requested date that is the same as the scheduled meter read date on another scheduled transaction. | | | |
|  | | | | RNE |  | Request Not Eligible | | | | |
|  | | | | | | Start date requested is earlier than the ESI-ID start date | | | |
|  | | | | SBD |  | Scheduled to be De-energized | | | | |
|  | | | | | | ESI ID exists but scheduled to be de-energized on date requested. | | | |
|  | | | | SCP |  | Scheduling Conflict Priority | | | | |
|  | | | | | | Requested date caused conflict with transaction currently scheduled. Currently scheduled transaction scheduled to execute within 2 business days. | | | |
|  | | | | UNS |  | Unable to Schedule | | | | |
|  | | | | | | Earliest available switch date for second Standard switch request is equal to or prior to scheduled meter read date of first switch request. | | | |
|  | | | | ZIP |  | Invalid Zip Code | | | | |
|  | | | | | | Only applicable to the first five characters of the zip code, which are used for validation. | | | |
| **Dep** | **REF03** | **352** | **Description** | | | | **X** |  | **AN 1/80** | | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | | |
|  | | | Used to further describe the reason code sent in REF02. Codes "A13", and "API", and "NFI" require a text explanation in this element. "NFI" rejects require identification; 1.) If it is a same CR and/or 2.) The transaction type is to be communicated in the REF03. (Only possibilities are: Move-Out from Same CR, Move-In from Same CR, Switch from Same CR, Move-Out, Move-In, Switch ) | | | | | | | |

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

**Position:** 030

**Loop:** LIN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

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

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

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

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

**Comments:**

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

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

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

**Segment: 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~10~000000001 |

**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 | | | |