**Texas**

**Standard**

**Electronic**

**Transaction**

**824:**

##### Invoice or Usage Reject Notification

Electronic Data Interchange

ANSI ASC X12 Ver/Rel 004010

Transaction Set 824

**Texas 824:**

Invoice or Usage Reject Notification

This transaction set:

... from the Competitive Retailer (CR) to the Transmission Distribution Service Provider (TDSP), is used by the CR to reject and/or accept with exception the 810 Invoice sent by the TDSP for Non-bypassable Charges (NBC), Discretionary Service Charges (DSC) and Construction Services (CS).

... from the MOU/EC TDSP (MOU-Coop only), is used to reject the 810 Invoice sent by the CR.

... from ERCOT to the TDSP, is used to reject the 867 Usage sent by the TDSP.

... from the CR to ERCOT, is used to reject the 867 Usage sent by ERCOT.

Document Flow:

* CR to TDSP
* ERCOT to TDSP
* CR to ERCOT
* MOU/EC TDSP to 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 |
| November 1, 2000  Version 1.0 |  | Initial Release |
|  |  |  |
| December 22, 2000  Version 1.2 |  | The following changes were made: |
|  |  | * Changed version to version 1.2 for consistency. |
|  |  | * Changed the date to December 12, 2000 for consistency. |
|  |  |  |
| January 11, 2001  Version 1.2 |  | The following changes were made: |
|  |  | * Added TED02 codes TOU and MRI |
|  |  |  |
| March 23, 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 |
|  |  | * Clarified Rejection Reason Code “CRI” to allow its use against an 867 Cancel |
|  |  | * Corrected examples to show both TDSP and CR |
|  |  | * Re-formatted examples for consistency with other Texas SET examples |
|  |  |  |
| August 3, 2001  Version1.4 |  | The following changes were made: |
|  |  | * Modified gray box for NTE. Ref. 2001-119 |
|  |  | * Modified gray box for TED. Ref. 2001-119 |
|  |  | * Modified gray box for N1~SJ. Ref. 2001-131 |
|  |  | * 2002-306 – 04/26/2002 Added OA (OH- A) code to the N106 of N1~SJ (Competitive Retailer) Segment |
|  |  |  |
| June 17th, 2002  Version1.5 |  | The following changes were made: |
|  |  | * Remove “9” Duns +4 number for ERCOT Ref. 2002-267 |
|  |  | * Add MCTDSP as valid reject party Ref. 2002-286 |
| 8/5/02 |  | * Change Control 2002-353 – Corrected Implementation guide “Summary of Changes” by cleaning up previously missed or inaccurate additions to Summary of Changes: |
|  |  | * Change Control 2002-303 – Added the MBW “Missed Bill Window” and the reject code of MBW “Missed Bill Window, Resubmit Charges” to the TED (Technical Error Description) Segment. |
|  |  | * Change Control 2002-353 – Updated Change Control Log to add approved Version 1.5 Change Control 2002-303. This was previously missed at time of update of implementation guide and is needed to reflect the approved change control. |
| 9/15/02 |  | * Change Control 2002-391 – Added code of “40” to the N1.06 of the N1~SJ |
| 7/17/03 |  | * Change Control 2003-526 - Changes the How to Use Guide to “Business Process Overview” and provides clarifications to the 824. Change to the Process Flow page |
| 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 |
| 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 2004-639:   * Add two codes to the existing approved reject codes for 824.   Change Control 2004-645:   * Additional Codes added to the TED Segment and grayboxes updated in the 824 per the 810/867 Workshop   Change Control 2004-676:   * Remove the BPO from the 824 and add applicable information back into the appropriate segment gray boxes of the guide.   Change Control 2004-681:   * Add new reject reason code of 'IMI - Invalid Membership Number or ID' to REF~7G segment to be used in MOU/EC market.   Change Control 2005-683:   * Add clarity to the transaction notes section regarding the Texas Market use of characters in alphanumeric fields |
| 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 4, 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. |
| TBD, 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 Texas SET Guides in order to reflect actual transaction processing.   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 2020-823:   * Administrative change to the 824 to clarify only one OTI loop per transaction. |

**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.

824 Application Advice

ANSI ASC X12 Structure

**Functional Group ID=AG**

**Introduction:**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

**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 |  |  |  |  |  |  |  |
|  | 030 | N1 | Name | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Detail:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID - OTI |  |  | >1 |  |  |  |  |  |  |  |
| M | 010 | OTI | Original Transaction Identification | M | 1 |  | n1 |  |  |  |  |  |  |
|  | 020 | REF | Reference Identification | O | 12 |  | n2 |  |  |  |  |  |  |
|  |  |  | LOOP ID - TED |  |  | >1 |  |  |  |  |  |  |  |
|  | 070 | TED | Technical Error Description | O | 1 |  |  |  |  |  |  |  |  |
|  | 080 | NTE | Note/Special Instruction | O | 100 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| M | 090 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Notes**

**1.** The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.

**2.** The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set. The primary reference identification or number should be provided in elements OTI02-03.

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~824~000000001 |

**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 | | | | | | |
|  | | | | 824 |  | Application Advice | | | |
| **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  The 824 is used to reject the 867\_03, 810\_02 and 810\_03 and cannot be used to reject the 867\_03s received point-to-point through the RMS approved Contingency Plan. The 824 can be sent as an "accept" for the 810\_02 and 810\_03 when the BGN08 = 'EV'. When a reject 824 transaction is generated, with the exception of the (BGN08=EV), it rejects the entire transaction.  In response to 867\_03s, CRs will send 824 reject transactions to ERCOT. TDSP's will receive 824 reject transactions from ERCOT. |
|  |  | BGN~11~200107111230001~20010711~~~~~82 |

**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** | **BGN08** | **306** | **Action Code** | | | | **M** |  | **ID 1/2** | | |
|  | | | Code indicating type of action | | | | | | | |
|  | | | | 82 |  | Follow Up | | | | |
|  | | | | | | Indicates that the receiver of the 824 transaction must address the reason for rejection and resend the transaction, if necessary. | | | |
|  | | | | EV |  | Evaluate | | | | |
|  | | | | | | Indicates that the receiver of the 824 transaction must evaluate the error, but the transaction should NOT be resent. | | | |

**Segment: N1 Name (Transmission Distribution Service Provider)**

**Position:** 030

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

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

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

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

**Semantic Notes:**

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

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

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required |
|  |  | N1~8S~TDSP NAME~1~007909999~~40 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **N101** | **98** | **Entity Identifier Code** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 8S |  | Consumer Service Provider (CSP) | | | | |
|  | | | | | | Transmission Distribution Service Provider (TDSP) | | | |
| **Must Use** | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |
|  | | | TDSP Name | | | | | | | |
| **Must Use** | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |
|  | | | | 1 |  | D-U-N-S Number, Dun & Bradstreet | | | | |
|  | | | | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
| **Must Use** | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | TDSP D-U-N-S Number or D-U-N-S + 4 Number | | | | | | | |
| **Dep** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | | | |
|  | | | | 40 |  | Receiver | | | | |
|  | | | | | | Required if TDSP is the receiver | | | |
|  | | | | 41 |  | Submitter | | | | |
|  | | | | | | Required if MOU/EC TDSP is submitter for consolidated bill | | | |

**Segment: N1 Name (ERCOT)**

**Position:** 030

**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 when Submitter or Receiver. |
|  |  | N1~AY~ERCOT~1~183529049~~40  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 | | | | | | | |
|  | | | | 40 |  | Receiver | | | | |
|  | | | | 41 |  | Submitter | | | | |

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

**Position:** 030

**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 when sent by CR to TDSP  Required when sent by CR to ERCOT  Required when sent by ERCOT to TDSP only if sent in originating transaction  Required when sent by MOU/EC TDSP to reject the 810\_03 Invoice sent by the CR. |
|  |  | N1~SJ~CR NAME~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 | | | | | | | |
|  | | | | 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 | | | | | | | |
|  | | | | 40 |  | Receiver | | | | |
|  | | | | | | Required if CR is the receiver. Only used for MOU/EC TDSP ESI IDs. Otherwise not used. | | | |
|  | | | | 41 |  | Submitter | | | | |
|  | | | | | | Required if CR is the submitter, otherwise not used. | | | |
|  | | | | OA |  | Electronic Return Originator | | | | |
|  | | | | | | Required when the original 824 from the CR is being forwarded on to the TDSP from ERCOT. (The N106 code will be changed by ERCOT only). | | | |

**Segment: OTI Original Transaction Identification**

**Position:** 010

**Loop:** OTI Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

**Syntax Notes:** **1** If OTI09 is present, then OTI08 is required.

**Semantic Notes:** **1** OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.

**2** OTI06 is the group date.

**3** OTI07 is the group time.

**4** If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.

**5** OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.

**6** OTI13 is the type of the original transaction set, and is used to assist in its unique identification.

**7** OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.

**8** OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.

**9** OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.

**10** OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.

**Comments:** **1** OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.

**2** If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.

**3** If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Required  Only 1 OTI Loop per EDI transaction is accepted in the Texas Market |
|  |  | OTI~TR~TN~2001010100001~~~~~~~810  OTI~TR~TN~2001010100001~~~~~~~867 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **OTI01** | **110** | **Application Acknowledgment Code** | | | | **M** |  | **ID 1/2** | | |
|  | | | Code indicating the application system edit results of the business data | | | | | | | |
|  | | | | TE |  | Transaction Set Accept with Error | | | | |
|  | | | | | | Used when BGN08 = EV | | | |
|  | | | | TR |  | Transaction Set Reject | | | | |
|  | | | | | | Used when BGN08 = 82 | | | |
| **Must Use** | **OTI02** | **128** | **Reference Identification Qualifier** | | | | **M** |  | **ID 2/3** | | |
|  | | | Code qualifying the Reference Identification | | | | | | | |
|  | | | | TN |  | Transaction Reference Number | | | | |
| **Must Use** | **OTI03** | **127** | **Reference Identification** | | | | **M** |  | **AN 1/30** | | |
|  | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | |
|  | | | 810: This data element is populated from the BIG02 of the 810  867: This data element is populated from the BPT02 of the 867 | | | | | | | |
| **Must Use** | **OTI10** | **143** | **Transaction Set Identifier Code** | | | | **O** |  | **ID 3/3** | | |
|  | | | Code uniquely identifying a Transaction Set | | | | | | | |
|  | | | The EDI Transaction Set number of the transaction being responded to. | | | | | | | |
|  | | | | 810 |  | Invoice | | | | |
|  | | | | 867 |  | Product Transfer and Resale Report | | | | |

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

**Position:** 020

**Loop:** OTI Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 12

**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: TED Technical Error Description**

**Position:** 070

**Loop:** TED Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To identify the error and, if feasible, the erroneous segment, or data element, or both

**Syntax Notes:**

**Semantic Notes:**

**Comments:** **1** If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | More than one rejection reason code may be sent, by repeating the TED Loop.  An 824 will not be used when the 867\_04 read date is not the same as the scheduled meter read date provided on the 814\_05  Required |
|  |  | TED~848~A76 |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **TED01** | **647** | **Application Error Condition Code** | | | | **M** |  | **ID 1/3** | | |
|  | | | Code indicating application error condition | | | | | | | |
|  | | | | 848 |  | Incorrect Data | | | | |
| **Must Use** | **TED02** | **3** | **Free Form Message** | | | | **O** |  | **AN 1/60** | | |
|  | | | Free-form text | | | | | | | |
|  | | | This field can accommodate 60 characters per ANSI X12 rules. However, only the 3-character codes defined in the Implementation Guide should be used in this Data Element. Further clarifying information may be transmitted in Segment NTE (Note/Special Instruction) which is a free form text Segment and is required whenever TED02 = A13, API or DIV. | | | | | | | |
|  | | | | 008 |  | ESI ID exists but is not active | | | | |
|  | | | | | | For ERCOT Use Only | | | |
|  | | | | A13 |  | Other | | | | |
|  | | | | | | Explanation Required in NTE~ADD. | | | |
|  | | | | A76 |  | ESI ID Invalid or Not Found | | | | |
|  | | | | | | ESIID is not found or CR has not received 814\_05 | | | |
|  | | | | A83 |  | Invalid or Unauthorized Action | | | | |
|  | | | | | | Information provided was not supported in the Texas SET Standards. This reject code is only used when a transaction fails TX SET Validation | | | |
|  | | | | A84 |  | Invalid Relationship | | | | |
|  | | | | | | Receiver obtained a document from an entity that has not established a relationship with the sender. | | | |
|  | | | | ABN |  | Duplicate Request Received | | | | |
|  | | | | ABO |  | Corrected transaction received prior to cancellation or rejection transaction | | | | |
|  | | | | API |  | Required information missing | | | | |
|  | | | | | | Explanation Required in NTE~ADD. May not be used in place of other, more specific error codes. For ERCOT Use Only | | | |
|  | | | | ASP |  | After Service Period End Date | | | | |
|  | | | | | | Service Period Start Date is After Service Period End Date within the transaction | | | |
|  | | | | CAO |  | Cancel Amount not equal to Original | | | | |
|  | | | | | | 810 Cancel Total Amount does not equal Original 810 Total Amount | | | |
|  | | | | CRI |  | Cross Reference Number Invalid | | | | |
|  | | | | | | The cross reference number on the 810 does not match the cross reference number on an open 867, or the cross reference number provided on the 810 or 867 Cancel does not match the cross reference number on an open 867. | | | |
|  | | | | D76 |  | DUNS Number Invalid or Not Found | | | | |
|  | | | | DDM |  | Dates Do Not Match | | | | |
|  | | | | | | Valid for 810, 867  810: The Service Period Begin and End Dates do not match the same dates on an open 867.  867: The Service Period Dates do not match. The Service Period End Date from the previous period does not match with the beginning date of current service period. There is a gap in service periods. For example, last read was August 27, and the first read was August 30.  Additional Example - an invoice is received for the billing period of 8/1/2004 to 9/1/2004 but the corresponding 867\_03's consumption start and end dates are 6/1/2004 to 9/1/2004 | | | |
|  | | | | DIV |  | Date Invalid | | | | |
|  | | | | | | Use NTE~ADD to further describe the invalid date. Valid date format: YYYYMMDD | | | |
|  | | | | DNM |  | Date Not Matched | | | | |
|  | | | | | | Actual Switch Dates on 867\_04 and Start Date on 867\_03 monthly usage do not match. NOTE: These dates may not match in the event of a market back office clean up project | | | |
|  | | | | I76 |  | Invoice Number Invalid or Missing | | | | |
|  | | | | IMI |  | Invalid Membership Number or ID | | | | |
|  | | | | | | Membership ID or account number used by the MOU/EC TDSP does not exist, is inactive, or is otherwise invalid. For use by Market Participants operating in MOU/EC territory only. | | | |
|  | | | | IMN |  | Invalid Meter Number | | | | |
|  | | | | | | Meter number on 867\_03 does not match transactions (814\_05, or 814\_20). | | | |
|  | | | | INT |  | Interval Data Invalid or Not Found | | | | |
|  | | | | | | Valid for 867 | | | |
|  | | | | MBW |  | Missed Bill Window | | | | |
|  | | | | | | Resubmit Charges Next Cycle  Used by MOU/EC TDSP for consolidated billing. | | | |
|  | | | | MQM |  | Meter Quantity Mismatch | | | | |
|  | | | | | | Meter information, Unmetered Device, or Unmetered Device Quantity does not match maintenance transaction. 814\_20 does not match 867\_03 or 810 | | | |
|  | | | | MRI |  | Incorrect Meter Role for ID Type | | | | |
|  | | | | NLP |  | No Late Payment Original Invoice | | | | |
|  | | | | | | Late Payment Charge does not reference an original 810 received | | | |
|  | | | | PCO |  | Previously Cancelled Original | | | | |
|  | | | | | | Original transaction reference number on a cancel references a previously cancelled 810 or 867 | | | |
|  | | | | PMC |  | Prior Monthly Charge | | | | |
|  | | | | | | Invoice contains monies that were accrued from previous billing periods | | | |
|  | | | | RDF |  | Read Dates in Future | | | | |
|  | | | | | | Read dates on 867 are in the future | | | |
|  | | | | SSS |  | SAC Does Not Balance | | | | |
|  | | | | | | SAC08 multiplied by SAC10 does not equal SAC05 | | | |
|  | | | | SUM |  | Sum of details does not equal total | | | | |
|  | | | | | | Valid for both the 810 and 867 | | | |
|  | | | | TOU |  | Incorrect TOU Period | | | | |
|  | | | | TRC |  | Tariff Rate Code Mismatch | | | | |
|  | | | | | | The SAC04 code does not correspond with the correct amount of the tariff that relates to that code. Used on an 810 Only. | | | |

**Segment: NTE Note/Special Instruction**

**Position:** 080

**Loop:** TED Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 100

**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

**Syntax Notes:**

**Semantic Notes:**

**Comments:** **1** The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Used to further describe the rejection reason code sent in TED02. |
|  |  | Required when TED02 = A13, API, or DIV |
|  |  | NTE~ADD~ACCOUNT NOT FOUND |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Must Use** | **NTE01** | **363** | **Note Reference Code** | | | | **O** |  | **ID 3/3** | |
|  | | | Code identifying the functional area or purpose for which the note applies | | | | | | |
|  | | | | ADD |  | Additional Information | | | |
| **Must Use** | **NTE02** | **352** | **Description** | | | | **M** |  | **AN 1/80** | |
|  | | | A free-form description to clarify the related data elements and their content | | | | | | |
|  | | | Rejection Reason Text | | | | | | |

**Segment: SE Transaction Set Trailer**

**Position:** 090

**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~9~000000001 |

**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 | | | |