**Texas**

**Standard**

**Electronic**

**Transaction**

**814\_04:**

##### Enrollment Notification Response

Electronic Data Interchange

ANSI ASC X12 Ver/Rel 004010

Transaction Set 814

**Texas 814\_04:**

Enrollment Notification Response

This transaction set, from the TDSP to ERCOT, is used to provide the Scheduled Meter Read Date (SMRD) that the TDSP has calculated and pertinent Customer and Premise information in response to a Switch, Move-In, Move-Out to CSA request initiated by a Competitive Retailer or a Mass Transition of ESI IDs initiated by ERCOT. The historical usage, if requested by the submitter of the initiating transaction, will be sent using the 867\_02 transaction.

Document Flow:

* TDSP to ERCOT

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

|  |  |  |
| --- | --- | --- |
|  |  | **Summary of Changes** |
| November 30, 2010  Version 3.0A |  | Initial Release |
| June 11, 2012 |  | Updated examples for TX SET 4.0 |
| November 11, 2024  Version 5.0 |  | Added County to N1\*8R address loop  Added new example for Inadvertent Gain  Added new example for Metered Service Type |

814\_04 Example #1 of 8

Standard Switch Accept Response –IOU TDSP to ERCOT

|  |  |  |  |
| --- | --- | --- | --- |
| IOU TDSP responds to Standard Switch request with Premise Information | | | |
| ST~814~000000001 | | | Transaction Type, Transaction Set Control Number |
| BGN~11~200805101201001~20080510~~~200805101956534~~4 | | | Response, Unique Transaction Number, Transaction Date, Original Transaction ID, SET Transaction Number |
| N1~8R~PREMISE | | | Customer Name |
|  | N3~123 MAIN AVE | | Service Address |
|  | N4~ANYTOWN~TX~77777~~CO~HARRIS | | City, State, Zip, County |
| N1~8S~TDSP NAME~1~009876543~~41 | | | TDSP Name and DUNS Number, Sender |
| N1~AY~ERCOT~1~183529049~~40 | | | ERCOT Name and DUNS Number, Receiver |
| N1~SJ~CR NAME~1~987654321 | | | CR Name and DUNS Number |
| LIN~1~SH~EL~SH~CE~SH~HU | | | Cycle Switch and Historical Summarized Usage Request |
|  | ASI~WQ~101 | | Accept Change in CR |
|  | REF~AQ~A | | Distribution Loss Factor |
|  | REF~SU~N | | Special Needs Indicator |
|  | REF~PTC~01 | | Premise Type |
|  | REF~Q5~~12345678910111231 | | ESI ID |
|  | REF~SPL~~ST1 | | Substation ID |
|  | DTM~150~20080510 | | Service Period Start Date |
|  | NM1~MQ~3~~~~~~32~TXSET15U1BA1 | | Meter Location, Meter Number |
|  |  | REF~4P~1.0~KHMON~TU^51 | Meter Multiplier, Total |
|  |  | REF~IX~4.0~KHMON~TU^51 | Number of Dials, Total |
|  |  | REF~LO~BUSLOLF\_WEST\_NIDR\_NWS\_NOTOU | Load Profile |
|  |  | REF~MT~KHMON | Meter Type |
|  |  | REF~PR~0 | TDSP Rate Subclass |
|  |  | REF~NH~00 | TDSP Rate Class |
|  |  | REF~TZ~21 | Meter Cycle |
| SE~25~000000001 | | | Number of Segments, Transaction Set Control Number |

814\_04 Example #2 of 8

Standard Switch Accept Response –MUNI-CO-OP to ERCOT

|  |  |  |  |
| --- | --- | --- | --- |
| MOU/EC TDSP responds to Standard Switch request with Premise Information | | | |
| ST~814~000000001 | | | Transaction Type, Transaction SET Control Number |
| BGN~11~200805101201001~20080510~~~200805101956534~~4 | | | Response, Unique Transaction Number, Transaction Date, Original Transaction ID, SET Transaction Number |
| N1~8R~PREMISE | | | Customer Name |
|  | N3~123 MAIN AVE | | Customer Service Address |
|  | N4~ANYTOWN~TX~77777~~CO~HARRIS | | Customer City, State, Zip, County |
| N1~8S~TDSP NAME~1~009876543~~41 | | | TDSP Name and DUNS Number, Sender |
| N1~AY~ERCOT~1~183529049~~40 | | | ERCOT and DUNS Number, Receiver |
| N1~SJ~CR NAME~1~987654321 | | | CR Name and DUNS Number |
| LIN~1~SH~EL~SH~CE~SH~HU | | | Cycle Switch and Historical Summarized Usage Request |
|  | ASI~WQ~101 | | Accept Change in CR |
|  | REF~AQ~A | | Distribution Loss Factor |
|  | REF~SU~N | | Special Needs Indicator |
|  | REF~PTC~01 | | Premise Type |
|  | REF~Q5~~12345678910111231 | | ESI ID |
|  | REF~1W~~123456789 | | Membership ID |
|  | REF~SPL~~ST1 | | Substation ID |
|  | DTM~150~20080510 | | Service Period Start Date |
|  | NM1~MQ~3~~~~~~32~TXSET15U1BA1 | | Meter Location, Meter Number |
|  |  | REF~4P~1.0~KHMON~TU^51 | Meter Multiplier, Total |
|  |  | REF~IX~4.0~KHMON~TU^51 | Number of Dials, Total |
|  |  | REF~LO~BUSLOLF\_WEST\_NIDR\_NWS\_NOTOU | Load Profile |
|  |  | REF~MT~KHMON | Meter Type |
|  |  | REF~PR~0 | TDSP Rate Subclass |
|  |  | REF~NH~00 | TDSP Rate Class |
|  |  | REF~TZ~21 | Meter Cycle Number |
| SE~26~000000001 | | | Number of Segments, Transaction Set Control Number |

814\_04 Example #3 of 8

Mass Transition Switch (Special Read for Switch Accepted) Accept Response –IOU TDSP to ERCOT

|  |  |  |  |
| --- | --- | --- | --- |
| IOU TDSP responds to Mass Transition Switch initiated by ERCOT with Premise Information Early Switch Request Accepted Example shows a single meter that measures Off Peak and Totalized Usage | | | |
| ST~814~000000001 | | | Transaction Type, Transaction SET Control Number |
| BGN~11~200805101201001~20080510~~~200805101956534~TS~4 | | | Response, Unique Transaction Number, Transaction Date, Original Transaction ID, Mass Transition Transfer, SET Transaction Number |
| N1~8R~MASS TRANSITION CUSTOMER | | | Customer Name |
|  | N3~123 MAIN AVE | | Service Address |
|  | N4~ANYTOWN~TX~77777~~CO~HARRIS | | City, State, Zip Code, County |
| N1~8S~TDSP NAME~1~009876543~~41 | | | TDSP Name and DUNS Number, Sender |
| N1~AY~ERCOT~1~183529049~~40 | | | ERCOT Name and DUNS Number, Receiver |
| N1~SJ~CR NAME~1~987654321 | | | New CR Name and DUNS Number |
| LIN~1~SH~EL~SH~CE~SH~SW~SH~HU | | | Cycle Switch and Historical Summarized Usage Request |
|  | ASI~WQ~101 | | Accept Change in CR |
|  | REF~AQ~D | | Distribution Loss Factor |
|  | REF~PTC~01 | | Premise Type |
|  | REF~Q5~~12345678910111231 | | ESI ID |
|  | REF~SH~N | | Switch Hold Indicator |
|  | REF~SPL~~BI | | Substation ID |
|  | REF~SU~N | | Special Needs Indicator |
|  | DTM~150~20080530 | | Service Period Start Date |
|  | NM1~MQ~3~~~~~~32~12345678MG | | Meter Location, Meter Number |
|  |  | REF~4P~1~KHMON~TU^51 | Meter Multiplier, Total |
|  |  | REF~IX~5.0~KHMON~TU^51 | Number of Dials, Total |
|  |  | REF~LO~RESLOWR\_COAST\_NIDR\_NWS\_NOTOU | Load Profile |
|  |  | REF~NH~RESIDENTIAL | TDSP Rate Class |
|  |  | REF~MT~KHMON | Meter Type |
|  |  | REF~TZ~13 | Meter Cycle Number |
| SE~25~000000001 | | | Number of Segments, Transaction SET Control Number |

814\_04 Example #4 of 8

Mass Transition Switch (Special Read for Switch Accepted) Accept Response –MUNI-CO-OP to ERCOT

|  |  |  |  |
| --- | --- | --- | --- |
| MOU/EC responds to Mass Transition Switch initiated by ERCOT with Premise Information Early Switch Request Accepted Example shows a single meter that measures Off Peak and Totalized Usage | | | |
| ST~814~000000001 | | | Transaction Type, Transaction SET Control Number |
| BGN~11~200805101201001~20080510~~~200805101956534~TS~4 | | | Response, Unique Transaction Number, Transaction Date, Original Transaction ID, Mass Transition Transfer, SET Transaction Number |
| N1~8R~CUSTOMER NAME | | | Customer Name |
|  | N3~123 N MAIN ST~ANY ADDRESS OVERFLOW | | Service Address |
|  | N4~ANYTOWN~TX~77777~~CO~HARRIS | | City, State, Zip, County |
| N1~8S~MCTDSP NAME~1~009876543~~41 | | | TDSP Name and DUNS Number, Sender |
| N1~AY~ERCOT~1~183529049~~40 | | | ERCOT Name and DUNS Number, Receiver |
| N1~SJ~CR NAME~9~9876543211000 | | | CR Name and DUNS Number |
| LIN~1~SH~EL~SH~CE~SH~SW~SH~HI | | | Cycle Switch and Historical Summarized Usage Request |
|  | ASI~WQ~101 | | Accept Change in CR |
|  | REF~AQ~T | | Distribution Loss Factor |
|  | REF~1P~HIU~HISTORICAL INTERVAL USAGE UNAVAILABLE | | Status Reason Code and Text |
|  | REF~PTC~01 | | Premise Type |
|  | REF~Q5~~12345678910111231 | | ESI ID |
|  | REF~1W~~1234567890 | | Membership ID |
|  | REF~SH~N | | Switch Hold Status Indicator |
|  | REF~SPL~~ WEST | | Substation ID |
|  | REF~SU~N | | Special Needs Indicator |
|  | DTM~150~20080510 | | Service Period Start Date |
|  | NM1~MQ~3~~~~~~32~1234568MG | | Meter Location, Meter Number |
|  |  | REF~MT~COMBO | Meter Type |
|  |  | REF~4P~1~KHMON~TU^41 | Meter Multiplier, Off Peak |
|  |  | REF~4P~1~KHMON~TU^42 | Meter Multiplier, On Peak |
|  |  | REF~4P~1~KHMON~TU^51 | Meter Multiplier, Total |
|  |  | REF~4P~10~K1MON~TU^51 | Meter Multiplier, Total |
|  |  | REF~IX~6.0~KHMON~TU^51 | Number of Dials, Total |
|  |  | REF~IX~5.1~KHMON~TU^41 | Number of Dials, Off Peak |
|  |  | REF~IX~5.1~KHMON~TU^42 | Number of Dials, On Peak |
|  |  | REF~IX~6.0~K1MON~TU^51 | Number of Dials, Total |
|  |  | REF~LO~ RESLOWR\_WEST\_NIDR\_NWS\_TOU11 | Load Profile |
|  |  | REF~NH~RS1 | TDSP Rate Class |
|  |  | REF~PR~123 | TDSP Rate Subclass |
|  |  | REF~TZ~15 | Meter Cycle Number |
| SE~34~000000001 | | | Number of Segments, Transaction SET Control Number |

814\_04 Example #5 of 8

Standard Switch Accept Response with a Critical Care Load Customer--IOU TDSP to ERCOT

|  |  |  |  |
| --- | --- | --- | --- |
| IOU TDSP responds to Standard Switch request with Premise Information | | | |
| ST~814~000000001 | | | Transaction Type, Transaction Set Control Number |
| BGN~11~200805101201001~20080510~~~200805101956534~~4 | | | Response, Unique Transaction Number, Transaction Date, Original Transaction ID, SET Transaction Number |
| N1~8R~PREMISE | | | Customer Name |
|  | N3~123 MAIN AVE | | Service Address |
|  | N4~ANYTOWN~TX~77777~~CO~HARRIS | | City, State, Zip, County |
| N1~8S~TDSP NAME~1~009876543~~41 | | | TDSP Name and DUNS Number, Sender |
| N1~AY~ERCOT~1~183529049~~40 | | | ERCOT Name and DUNS Number, Receiver |
| N1~SJ~CR NAME~1~987654321 | | | CR Name and DUNS Number |
| LIN~1~SH~EL~SH~CE~SH~HU | | | Cycle Switch and Historical Summarized Usage Request |
|  | ASI~WQ~101 | | Accept Change in CR |
|  | REF~AQ~A | | Distribution Loss Factor |
|  | REF~PTC~01 | | Premise Type |
|  | REF~Q5~~12345678910111231 | | ESI ID |
|  | REF~SPL~~ST1 | | Substation ID |
|  | REF~SU~Y~CLP | | Special Needs Indicator, Special Needs Customer Status |
|  | DTM~150~20080510 | | Service Period Start Date |
|  | NM1~MQ~3~~~~~~32~TXSET15U1BA1 | | Meter Location, Meter Number |
|  |  | REF~4P~1.0~KHMON~TU^51 | Meter Multiplier, Total |
|  |  | REF~IX~4.0~KHMON~TU^51 | Number of Dials, Total |
|  |  | REF~LO~BUSLOLF\_WEST\_NIDR\_NWS\_NOTOU | Load Profile |
|  |  | REF~MT~COMBO | Meter Type |
|  |  | REF~PR~0 | TDSP Rate Subclass |
|  |  | REF~NH~00 | TDSP Rate Class |
|  |  | REF~TZ~21 | Meter Cycle |
| SE~25~000000001 | | | Number of Segments, Transaction Set Control Number |

814\_04 Example #6 of 8

Standard Switch Accept Response with a Critical Care Residential Customer--IOU TDSP to ERCOT

|  |  |  |  |
| --- | --- | --- | --- |
| IOU TDSP responds to Standard Switch request with Premise Information Critical Care Premise Type with Emergency Contact Information and AMS Indicator | | | |
| ST~814~000000001 | | | Transaction Type, Transaction Set Control Number |
| BGN~11~200805101201001~20080510~~~200805101956534~~4 | | | Response, Unique Transaction Number, Transaction Date, Original Transaction ID, SET Transaction Number |
| N1~8R~PREMISE | | | Customer Name |
|  | N3~123 MAIN AVE | | Service Address |
|  | N4~ANYTOWN~TX~77777~~CO~HARRIS | | City, State, Zip, County |
| N1~8S~TDSP NAME~1~009876543~~41 | | | TDSP Name and DUNS Number, Sender |
| N1~AY~ERCOT~1~183529049~~40 | | | ERCOT Name and DUNS Number, Receiver |
| N1~SJ~CR NAME~1~987654321 | | | CR Name and DUNS Number |
| LIN~1~SH~EL~SH~CE~SH~HU | | | Cycle Switch and Historical Summarized Usage Request |
|  | ASI~WQ~101 | | Accept Change in CR |
|  | REF~AQ~A | | Distribution Loss Factor |
|  | REF~SU~Y~CCC | | Special Needs Indicator, Special Needs Customer Status |
|  | REF~MR~AMSR | | AMS Indicator |
|  | REF~PTC~01 | | Premise Type |
|  | REF~Q5~~12345678910111231 | | ESI ID |
|  | REF~SPL~~ST1 | | Substation ID |
|  | DTM~036~20100510 | | Expiration Date |
|  | DTM~150~20080510 | | Service Period Start Date |
|  | NM1~MQ~3~~~~~~32~TXSET15U1BA1 | | Meter Location, Meter Number |
|  |  | REF~4P~1.0~KHMON~TU^51 | Meter Multiplier, Total |
|  |  | REF~IX~4.0~KHMON~TU^51 | Number of Dials, Total |
|  |  | REF~LO~RESHIWR\_WEST\_NIDR\_NWS\_NOTOU | Load Profile |
|  |  | REF~MT~KHMON | Meter Type |
|  |  | REF~PR~0 | TDSP Rate Subclass |
|  |  | REF~NH~00 | TDSP Rate Class |
|  |  | REF~TZ~21 | Meter Cycle |
|  | NM1~SC~C~~~~~~EC~SNOW, JOE RAY JR | | Special Needs Emergency Contact Name |
|  |  | N3~123 N MAIN STREET~ANY ADDRESS | Special Needs Emergency Contact Mailing Address Overflow |
|  |  | N4~ANYTOWN~TX~78111 | Special Needs Emergency Contact Mailing Address |
|  |  | PER~SP~~TE~8005551212~OT~8005551212 | Special needs Emergency Contact Telephone Numbers |
| SE~31~000000001 | | | Number of Segments, Transaction Set Control Number |

814\_04 Example #7 of 8

Standard Move In Accept Response to Reverse an Inadvertent Gain --IOU TDSP to ERCOT

|  |  |  |  |
| --- | --- | --- | --- |
| IOU TDSP responds to Move In request to Reverse an Inadvertent Gain | | | |
| ST~814~000000001 | | | Transaction Type, Transaction Set Control Number |
| BGN~11~200805101201001~20230510~~~200805101956534~IA~4 | | | Response, Unique Transaction Number, Transaction Date, Original Transaction ID, Inadvertent Gain, SET Transaction Number |
| N1~8R~PREMISE | | | Customer Name |
|  | N3~123 MAIN AVE | | Service Address |
|  | N4~ANYTOWN~TX~77777~~CO~HARRIS | | City, State, Zip, County |
| N1~8S~TDSP NAME~1~009876543~~41 | | | TDSP Name and DUNS Number, Sender |
| N1~AY~ERCOT~1~183529049~~40 | | | ERCOT Name and DUNS Number, Receiver |
| N1~SJ~CR NAME~1~987654321 | | | CR Name and DUNS Number |
| LIN~1~SH~EL~SH~CE~MVI~HU | | | Move In and Historical Summarized Usage Request |
|  | ASI~WQ~101 | | Accept Change in CR |
|  | REF~AQ~A | | Distribution Loss Factor |
|  | REF~PTC~01 | | Premise Type |
|  | REF~Q5~~12345678910111231 | | ESI ID |
|  | REF~SPL~~ST1 | | Substation ID |
|  | REF~SU~Y~CLP | | Special Needs Indicator, Special Needs Customer Status |
|  | DTM~150~20230505 | | Service Period Start Date |
|  | NM1~MQ~3~~~~~~32~TXSET15U1BA1 | | Meter Location, Meter Number |
|  |  | REF~4P~1.0~KHMON~TU^51 | Meter Multiplier, Total |
|  |  | REF~IX~4.0~KHMON~TU^51 | Number of Dials, Total |
|  |  | REF~LO~BUSLOLF\_WEST\_NIDR\_NWS\_NOTOU | Load Profile |
|  |  | REF~MT~COMBO | Meter Type |
|  |  | REF~PR~0 | TDSP Rate Subclass |
|  |  | REF~NH~00 | TDSP Rate Class |
|  |  | REF~TZ~21 | Meter Cycle |
| SE~25~000000001 | | | Number of Segments, Transaction Set Control Number |

814\_04 Example #8 of 8

Standard Switch Accept Response –IOU TDSP to ERCOT

|  |  |  |  |
| --- | --- | --- | --- |
| IOU TDSP responds to Standard Switch request with Metered Service Type | | | |
| ST~814~000000001 | | | Transaction Type, Transaction Set Control Number |
| BGN~11~200805101201001~20230510~~~200805101956534~~4 | | | Response, Unique Transaction Number, Transaction Date, Original Transaction ID, SET Transaction Number |
| N1~8R~PREMISE | | | Customer Name |
|  | N3~123 MAIN AVE | | Service Address |
|  | N4~ANYTOWN~TX~77777~~CO~HARRIS | | City, State, Zip, County |
| N1~8S~TDSP NAME~1~009876543~~41 | | | TDSP Name and DUNS Number, Sender |
| N1~AY~ERCOT~1~183529049~~40 | | | ERCOT Name and DUNS Number, Receiver |
| N1~SJ~CR NAME~1~987654321 | | | CR Name and DUNS Number |
| LIN~1~SH~EL~SH~CE~SH~HU | | | Cycle Switch and Historical Summarized Usage Request |
|  | ASI~WQ~101 | | Accept Change in CR |
|  | REF~AQ~A | | Distribution Loss Factor |
|  | REF~SU~N | | Special Needs Indicator |
|  | REF~PTC~01 | | Premise Type |
|  | REF~Q5~~12345678910111231 | | ESI ID |
|  | REF~SPL~~ST1 | | Substation ID |
|  | DTM~150~20230510 | | Service Period Start Date |
|  | NM1~MQ~3~~~~~~32~TXSET15U1BA1 | | Meter Location, Meter Number |
|  |  | REF~4P~1.0~KHMON~TU^51 | Meter Multiplier, Total |
|  |  | REF~IX~4.0~KHMON~TU^51 | Number of Dials, Total |
|  |  | REF~MSL~M13 | Metered Service Type |
|  |  | REF~LO~BUSLOLF\_WEST\_IDR\_NWS\_TOU01 | Load Profile |
|  |  | REF~MT~KHMON | Meter Type |
|  |  | REF~PR~0 | TDSP Rate Subclass |
|  |  | REF~NH~00 | TDSP Rate Class |
|  |  | REF~TZ~21 | Meter Cycle |
| SE~25~000000001 | | | Number of Segments, Transaction Set Control Number |