



Standard  
Electronic  
Transaction

# **650 Service Request**

## **EDI Tutorial**

Last Update - June 5, 2001

Electronic Data Interchange  
ANSI ASC X12 Ver/Rel 004010  
Texas SET - Version 1.3

**BASIC SERVICE METER CHANGE ORDER**

<b>Trans. Set</b>	<b>From</b>	<b>To</b>	<b>Description</b>
650_01	CR	TDSP	Service Order - Request
650_02	TDSP	CR	Service Order Complete - Response
650_03	TDSP	CR	Service Order Reject or Completion Response



Service Order Request

650\_01

**Description:**

This transaction set, from the CR to the TDSP, is used to initiate the original Service Order, Cancel, or Change (Update) Request.

**Scenario:**

**CR → TDSP: CR Submits Reread Request Includes Call Ahead Request**

**Transaction Set Example:**

**ST\*650\*000000001:**

Header identifies the transaction set (650), and Control Number (000000001)

**BGN\*13\*1234567890000\*20010216\*\*\*\*RD\*IT:**

Purpose Code (13) indicating Request, Originator's Record ID, Transaction Creation Date, code (RD) indicating Read Out of Cycle, code (IT) indicating Original Request

**N1\*8R\*JOHN DOE:**

Code (8R) indicating Customer Name, Customer Name

**N2\*DBA CUSTOMER CORP\*C/O BOB JACKSON:**

Customer Name Overflow (if longer than 60), Additional Overflow

**N3\*ADDRESS\*ADDRESS OVERFLOW:**

Customer Service Address, Overflow. If Overflow present, it must be sent.

**N4\*DALLAS\*TX\*781110001:**

City, State, Postal Code (ONLY digits and CAPS)

**PER\*IC\*DOE, JOE\*TE\*8005551212:**

Information Contact (IC) Name and Telephone Number (TE), Number

**N1\*8S\*TXU ELECTRIC COMPANY\*9\*1039940674000\*\*40:**

Code (8S) indicating entity as a TDSP, Name, ID code qualifier (1 for DUNS, 9 for DUNS+4), TDSP DUNS or DUNS+4, Code (40) indicating entity is Receiver

**N1\*SJ\*COMPETITIVE RETAILER\*1\*007725152\*\*41:**

Code (SJ) indicating entity as CR, Name, ID code qualifier (1 for DUNS, 9 for DUNS+4), CR's DUNS or DUNS+4, Code (41) indicating entity is Submitter

**HL\*1\*\*EV\*1:**

Hierarchical Level (HL), number (1) indicating Parent Loop, Event (EV) code, Child code (1) indicating Additional Subordinate HL Data Segment in this Hierarchical Structure

**REF\*8X\*RD002:**

Purpose Code (8X), Re-Read/Potential Error (RD002)



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**REF\*PH\*01:**

*Priority Code (PH), Priority*

**REF\*Q5\*\*10443720003933539:**

*Code (Q5) indicating Electric Service Identifier (ESI ID) to follow, ESI ID for premise*

**REF\*SU\*N:**

*Code (SU) indicating Life Support Indicator, Code (N) indicating life support is not required*

**DTM\*211\*20010415:**

*Code (211) indicating Service Requested Date, Date as CCYYMMDD*

**YNQ\*\*Y\*\*\*\*\*9\*CAL:**

*Yes/No Question, Answer (Y) indicating customer requests a call (CAL) before the work is performed*

*NOTE: Required if customer requests a call before the work is performed. Requires a phone number to be populated in the PER Segment*

**HL\*2\*1\*EV:**

*Hierarchical Level (HL), number (2) indicating first Child Loop, Hierarchical Parent ID Number (1), Event Code (EV)*

**REF\*MG\*394820R:**

*Meter Number (MG), Number*

**SE\*19\*000000001:**

*Trailer identifies number of segments (19), and Control Number (000000001)*



## Service Order Complete Response

650\_02

**Description:**

This transaction set, from the TDSP to the CR, is used to send a completed response to the original Service Order, Cancel, or Change (Update) Request. This transaction is sent after the original Service Order, Cancel, or Change (Update) Request.

**Scenario:**

**TDSP → CR: TDSP Submits Reread Completion Response**

**Transaction Set Example:****ST\*650\*000000001:**

Header identifies the transaction set (650), and Control Number (000000001)

**BGN\*11\*1245679990000\*20010408\*\*\*1234567890000\*RD\*51:**

Purpose Code (11) indicating Response, Reference Number, Transaction Creation Date, Originator's Record Number, code (RD) indicating Read Out of Cycle is Complete (51)

**N1\*8S\*TXU ELECTRIC COMPANY\*9\*1039940674000\*\*41:**

Code (8S) indicating entity as a TDSP, Name, ID code qualifier (9 for DUNS+4), TDSP DUNS+4, Code (41) indicating entity is Submitter

**N1\*SJ\*COMPETITIVE RETAILER\*1\*007725152\*\*40:**

Code (SJ) indicating entity as CR, Name, ID code qualifier (1 for DUNS), CR's DUNS Code (40) indicating entity is Receiver

**HL\*1\*\*EV\*1:**

Hierarchical Level (HL), number (1) indicating Parent Loop, Event (EV) code, Child code (1) indicating Additional Subordinate HL Data Segment in this Hierarchical Structure

**REF\*8X\*RD002:**

Purpose Code (8X), Re-Read/Potential Error (RD002)

**REF\*Q5\*\*10443720003933539:**

Code (Q5) indicating Electric Service Identifier (ESI ID) to follow, ESI ID for premise

**REF\*SU\*N:**

Code (SU) indicating Life Support Indicator, Code (N) indicating life support is not required

**HL\*2\*1\*EV:**

Hierarchical Level (HL), number (2) indicating first Child Loop, Hierarchical Parent ID Number (1), Event Code (EV)

**REF\*MG\*394820R:**

Meter Number (MG), Number



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**REF\*OW\*3920001:**

*TDSP Service Order (OW), Number*

**DTM\*243\*20010407\*1430:**

*Code (243) indicating Actual Complete Date/Time, Date as CCYYMMDD, Time*

**DTM\*MRR\*20010407:**

*Code (MRR) indicating Meter Read Date, Date as CCYYMMDD*

**YNQ\*\*Y\*\*\*\*\*9\*RES:**

*Yes/No Question, Answer (Y) indicating the Results (RES) were good and the initial Meter Read was correct*

**MEA\*AF\*\*\*KH\*\*10031\*51**

*Measurement [Segment Tag], Actual Total (AF), code (KH) indicating Kilowatt Hours, Meter Read, Measurement code (51) – Totalizer*

**SE\*16\*000000001:**

*Trailer identifies number of segments (19), and Control Number (000000001)*

**Service Order Reject or Complete Unexecutable****650\_03****Description:**

This transaction set, from the TDSP to the CR, is used to send a completed response to a reject or completed unexecutable response to the original Service Order, Cancel or Change (Update) Request. These transactions are sent after the original Service Order, Cancel, or Change Request is unable to be completed.

**Scenario:****TDSP → CR: Reject Reread Response****Transaction Set Example:****ST\*650\*000000001:**

Header identifies the transaction set (650), and Control Number (000000001)

**BGN\*11\*1245679990000\*20010408\*\*\*1234567890000\*RD\*U:**

Purpose Code (11) indicating Response, Reference Number, Transaction Creation Date, Originator's Record Number, code (RD) indicating Read Out of Cycle is Rejected (U)

**N1\*8S\*TXU ELECTRIC COMPANY\*9\*1039940674000\*\*41:**

Code (8S) indicating entity as a TDSP, Name, ID code qualifier (9 for DUNS+4), TDSP DUNS+4, Code (41) indicating entity is Submitter

**N1\*SJ\*COMPETITIVE RETAILER\*1\*007725152\*\*40:**

Code (SJ) indicating entity as CR, Name, ID code qualifier (1 for DUNS, 9 for DUNS+4), CR's DUNS or DUNS+4, Code (40) indicating entity is Receiver

**HL\*1\*\*EV\*1:**

Hierarchical Level (HL), number (1) indicating Parent Loop, Event (EV) code, Child code (1) indicating Additional Subordinate HL Data Segment in this Hierarchical Structure

**REF\*7G\*A76\*ESIID INVALID:**

Code (7G) indicating a Reject Reason to follow, Reject Reason Code (A76), Reject Reason Description

**REF\*8X\*RD002:**

Purpose Code (8X), Re-Read/Potential Error (RD002)

**REF\*Q5\*\*10443720003933539:**

Code (Q5) indicating Electric Service Identifier (ESI ID) to follow, ESI ID for premise

**SE\*16\*000000001:**

Trailer identifies number of segments (19), and Control Number (000000001)