



Communication Testing Procedures

The purpose of the testing is to verify that the retailer is capable of complying with the data transfer standards specified in this document and has the necessary technical environment to send, receive, and translate the standard transactions required to do business in the Alberta Electrical Utility market, specifically with EPCOR Distribution and Transmission Inc.

The installation and configuration of hardware, software, establishment of communications and basic testing are the responsibility of the retailer and must be completed prior to initiating this testing process.

Three transaction sets included in the Communication Test are as follows:

- A. EBT Provincial Standard Transactions (format and contents as specified in AUC Rule 021)
 - 1. Provide Current Consumption Data from MDM
 - 1.1 Daily Interval Meter Readings to Retailers and Settlement (DIM)
 - 1.2 Daily Cumulative Meter Consumption to Retailers and Settlement (DCM)
 - 2. Wholesale Settlement Data Transfers
 - 2.1 Wholesale Settlement Information (WSI)
 - 2.2 Settlement Summary Information (SSI)
 - 2.3 Settlement Profile Information (SPI)
 - 2.4 Wholesale Settlement Detail (WSD)
 - 3. Select Retailer Transaction Set
 - 3.1 Select Retailer Request (SRR)
 - 3.2 Select Retailer Notification (SRN)
 - 3.3 Notify Old Retailer (SRO)
 - 4. Update Customer Transaction
 - 4.1 Update Customer Information (UCI)
- B. Transaction Sets With Standard Content (contents as specified in AUC Rule 021)
 - 1. Energize/De-Energize Site
 - 1.1 Energize Request (ENR)
 - 1.2 Energize Failure (ENF)
 - 1.3 Energize Completion to Retailers and Settlement (ENC)
 - 1.4 De-Energize Request (DER)
 - 1.5 De-Energize Failure (DEF)
 - 1.6 De-Energize Completion to Retailers and Settlement (DEC)

PROVIDING MORE



2. Revoke De-Energize
 - 2.1 Revoke De-Energize Request (RDR)
3. Request Off-Cycle Meter Read
 - 3.1 Request Off-Cycle Meter Read (ROR)
 - 3.2 Request Off-Cycle Meter Read Completion (ROC)
4. De-Select
 - 4.1 De-Select Request (DSR)
 - 4.2 De-Select Notification (DSN)
 - 4.3 Revoke De-Select Request (RDS)

EPCOR Communication Testing Coordinators:

Market Interface at retcomm@epcor.ca

1. Test System Set Up

- The most current version of the file transfer application will be discontinued and replaced by new AUC approved software in March 2012.

2. Testing Procedures

The test will be concentrated in the areas of sending and receiving standard transaction files, error handling, system and file recovery and audit logging capability.

Sequence of the testing is as follows;

1. Sending and/or receiving EBT Provincial Standard Transactions (Section 9.6 of AUC Rule 021) for a total of 10 transactions to/from EPCOR Distribution and Transmission Inc.
2. Sending and/or receiving EBT Provincial Standard Transactions (Section 9.6 of AUC Rule 021) for a total of 10 transactions to/from EPCOR Distribution and Transmission Inc. with transaction errors.

The retailer is required to maintain a test transaction log to be reviewed periodically throughout the test with EPCOR Distribution and Transmission Inc.

3. Testing Schedule

Day 1 & 2:

- Sending and/or receiving EBT Provincial Standard Transactions to/from EPCOR Distribution and Transmission Inc. with/without errors
- Transmission of error notification transactions.
- Re-send/re-receive rejected transactions
- Review Day 1 & 2 test results

PROVIDING MORE



Day 3 & 4:

- Sending and/or receiving Transaction Sets With Standard Content to/from EPCOR Distribution and Transmission Inc. with/without errors
- Transmission of error notification transactions.
- Re-send/re-receive rejected transactions
- Review Day 3 & 4 test results

4. Testing Scenarios

The retailer will be supplied with the following:

- The testing schedule
- Testing procedures
- A set of test scripts with the expected results from each test
- Timing of sending/receiving each transaction set
- Contents and format of each transaction

5. Testing Data

- Test data will be supplied to the retailer, and must be used for all transaction tests.