

# **Technical Operating Profile**

For

## **Electronic Data Interchange in New York**

**Supplement 5 - 248 Account Assignment**

**Version 1.01**

**~~October 31~~ January 29, 2002 2016**

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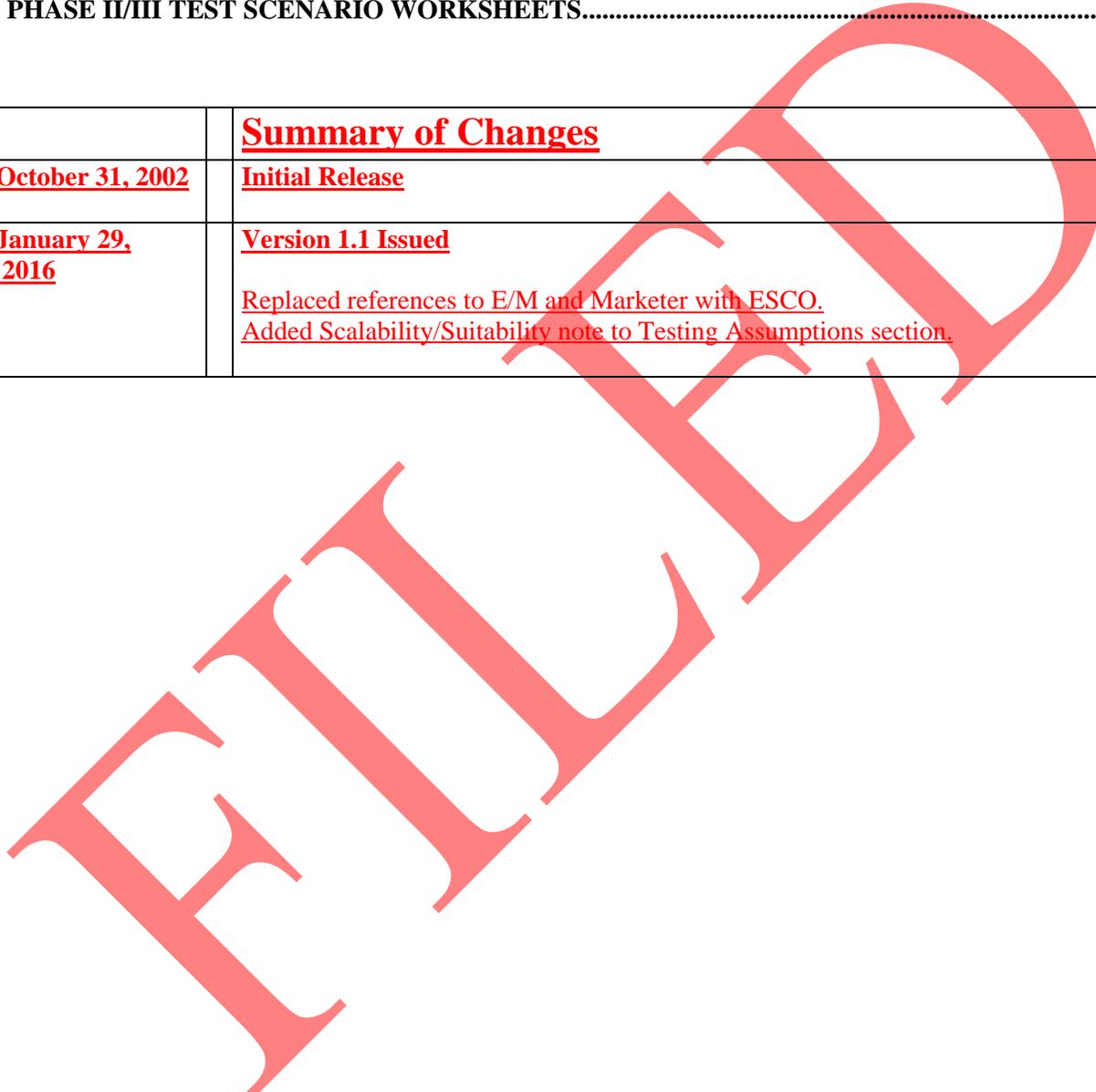
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|                                | <b><u>Summary of Changes</u></b>   |
| <b><u>October 31, 2002</u></b> | <b><u>Initial Release</u></b>  |
| <b><u>January 29, 2016</u></b> | <b><u>Version 1.1 Issued</u></b><br><br><u>Replaced references to E/M and Marketer with ESCO.</u><br><u>Added Scalability/Suitability note to Testing Assumptions section.</u> |



## I. PURPOSE

This document, referred to as Technical Operating Profile (TOP) Supplement 5, provides the guidelines and specifications for testing of the 248 Account Assignment business processes, including Phase I, II and III testing for Electronic Data Interchange (EDI) in New York's retail energy marketplace. The test specifications were developed as part of the ongoing EDI standards development work in New York, as directed by the New York Public Service Commission's (PSC or Commission) EDI proceeding.<sup>1</sup>

This document is designed to be used in conjunction with the opinions and orders issued by the State of New York Public Service Commission for Case 98-M-0667 – 'In the Matter of Electronic Data Interchange'.

- A) Opinion NO. 01-03 Opinion and Order Approving EDI Data Standards and Data Protocols and Modifying the New York Uniform Business Practices for EDI Implementation Effective: July 23, 2001. Supplement E of this opinion, The Technical Operating Profile (TOP), contains general and Phase I testing information.
- B) Order Approving EDI Test Plans and Data Standards (Issued and Effective November 8, 2001). Supplement A of this order, The Top Supplement 1, contains Phase II and Phase III testing information and procedures.

## II. TESTING ASSUMPTIONS

**Scalability/Suitability:** Utilities may streamline Phase III testing by excluding EDI transactions listed in the EDI Standards Technical Operating Profiles Supplements that are not supported in a utility's EDI implementation. The test scenarios provided herein should not be interpreted as creating a testing requirement in cases where the utility does not support a transaction identified in a scenario. The utility and ESCO and/or its EDI Service Provider should review tests completed with other New York utilities to determine if any testing gaps exist and if so, accordingly adjust utility testing as applicable to the ESCO.

**Account Assignment Testing Options:** In New York, ~~ESCO/Marketer~~ ~~ESCOs (E/MS)~~ deemed eligible by the New York Public Service Commission and also in compliance with Utility-specific retail access requirements may offer their customers a choice of dual or consolidated billing options. For Utility consolidated billing, each Utility may specify the option(s) they intend to make available to ~~E/MS~~ ~~ESCOs~~ participating in their service territory i.e. either Rate Ready, Bill Ready or both. The billing party, in this case the Utility, determines which payment processing method (either pay-as-you-get-paid method or purchase receivables) they intend to use. The 248 Account Assignment transaction may vary depending on these parameters and accordingly, each test scenario may not be applicable to every market participant. Staff will determine which of the Phase I test scenarios are applicable for each Utility test candidate. The Phase II or III test scenarios applicable to specific Utilities and ~~E/MS~~ ~~ESCOs~~ will be determined by the trading partners and based on the bill and payment processing options in that Utility's service territory.

**End-to-End Testing:** An end-to-end test cycle including the 248 Account Assignment tests all EDI transactions expected to occur in the normal production process, including the 248 Account Assignment transaction. During the transition to EDI in New York, as each EDI data standard is approved, a

<sup>1</sup> New York Public Service Commission Electronic Data Interchange proceeding, Case 98-M-0667.

corresponding test plan has been developed and adopted by the Commission. As a result, EDI testing has been an iterative process, and some market participants have already completed various phases of EDI testing for transactions that would normally precede transmission of an 248 Account Assignment transaction (such as the TS814 Enrollment, Drop, TS867 Monthly Usage transaction, and TS810 UBR and URR transactions). For current participants, end-to-end testing may be redundant and costly and, as a result, is not strictly required.<sup>2</sup> For those E/MESCOs, however, who have not yet begun the transition to EDI, the end-to-end approach ensures thorough testing of all required EDI transactions. In the post-EDI transition period, therefore, Utilities will be expected to test new E/MESCOs using an end-to-end approach, with execution details left to each utility<sup>3</sup>.

**Simulated Dates:** When moving from one frame to the next in a scenario, test participants may be required to advance their test system dates or times. It is recommended that trading partners coordinate the synchronization of their system dates and times as they advance to the next frame in each scenario. For example, the date can be advanced to simulate the Aged Receivables timeframe prior to transmitting the 248 Account Assignment transactions.

**Test Scenario Worksheets:** Each Test Scenario Worksheet includes a complete set of end-to-end test Scripts and includes all Frames required for end-to-end testing of Account Assignment Scenarios. Each Frame identifies the initiating party for each transaction. In addition, the Script ID's include "EM" or "UTIL" to further identify the transaction sender. Scenario ASG003 tests 248 transaction with a credit balance. For purposes of testing this Scenario, it is assumed the billing party received overpayments from the customer for the E/MESCO portion of the invoices.

<sup>2</sup> Test participants may, however, elect to integrate testing of newly approved test scenarios into current test plans to better streamline and eliminate duplication of testing efforts.

<sup>3</sup> Details including the coordination and scheduling of E/MESCO test batches and the timing and execution of test frames and scenarios are left to the discretion of the Utility.

### III. PHASE I TEST SCENARIOS

| TEST ID  | UNIT | TEST NAME   |
|--|------|---|
| <i>248 Account Assignment Tests (to be completed by the Utility)</i> |      |   |
| ASG-UTIL01   | 248  | Account Assignment Transaction for Utility Consolidated Billing, Final Bill with unpaid debit balance                         |
| ASG-UTIL02   | 248  | Account Assignment Transaction for Utility Consolidated Billing, Final Bill with credit balance                               |
| ASG-UTIL03   | 248  | Account Assignment Transaction for Utility Consolidated Billing, Final Bill with unpaid debit balance and invoice information |

#### IV. PHASE II/III TEST SCENARIOS

| <b>Account Assignment</b>   |
|---|
| ASG001: Account Assignment – Final Bill – Unpaid Debit Balance  |
| ASG002: Account Assignment – Final Bill - Credit Balance  |
| ASG003: Account Assignment - Unpaid Debit Balance – Aged Receivables (Relationship With Billing Party Continues)                    |
| ASG004: Account Assignment – Final Bill – Unpaid Debit Balance w/Invoice Information  |
| ASG005: Account Assignment – Validation Error - Final Bill  |
| ASG006: Account Assignment – Validation Error - Unpaid Debit Balance – Aged Receivables (Relationship With Billing Party Continues) |

#### Phase II/III TEST SCENARIO SCRIPTS

| Scenario ID:              | Script ID  | Frame No.  | Transaction Set  | Description  |
|---------------------------|--|--|--|--|
| <b>ACCOUNT ASSIGNMENT</b> |  |  |  |  |
| ASG001                    | E-EM01REQ<br>E-UTIL01RES<br>U-UTIL01MU<br>IN-RRUTIL01 or<br>IN-BREM02<br>E-EM01DREQ<br>E-UTIL01DRES<br>U-UTIL01FU<br>IN-RRFUTIL01 or<br>IN-BRFEM01<br>ASG-UTIL01 | F1<br>F2<br>F3<br>F4-RR<br>F4-BR<br>F5<br>F6<br>F7<br>F8-RR<br>F8-BR<br>F9 | 814 Enrollment<br>814 Enrollment<br>867 MU<br>810 Invoice RR or<br>810 Invoice BR<br>814 Drop<br>814 Drop<br>867 Final Meter Read<br>810 Final Invoice RR or<br>810 Final Invoice BR<br>248 Account Assignment | Account Assignment – Final Bill – Unpaid Debit Balance   |
| ASG002                    | E-EM02REQ<br>E-UTIL02RES<br>U-UTIL02MU<br>IN-RRUTIL02 or<br>IN-BREM02<br>E-EM02DREQ<br>E-UTIL02DRES<br>U-UTIL02FU<br>IN-RRFUTIL02 or<br>IN-BRFEM02<br>ASG-UTIL02 | F1<br>F2<br>F3<br>F4-RR<br>F4-BR<br>F5<br>F6<br>F7<br>F8-RR<br>F8-BR<br>F9 | 814 Enrollment<br>814 Enrollment<br>867 MU<br>810 Invoice RR or<br>810 Invoice BR<br>814 Drop<br>814 Drop<br>867 Final Meter Read<br>810 Final Invoice RR or<br>810 Final Invoice BR<br>248 Account Assignment | Account Assignment – Final Bill – Credit Balance   |
| ASG003                    | E-EM03REQ<br>E-UTIL03RES<br>U-UTIL03MU<br>IN-RRUTIL03 or<br>IN-BREM03<br>ASG-UTIL03  | F1<br>F2<br>F3<br>F4-RR<br>F4-BR<br>F5                                     | 814 Enrollment<br>814 Enrollment<br>867 MU<br>810 Invoice RR or<br>810 Invoice BR<br>248 Account Assignment  | Account Assignment - Unpaid Debit Balance – Aged Receivables (Relationship With Billing Party Continues) |

|        |   |   |   |   |
|--------|---|---|---|---|
| ASG004 | E-EM04REQ<br>E-UTIL04RES<br>U-UTIL04MU<br>IN-RRUTIL04 or IN-BREM04<br>E-EM04DREQ<br>E-UTIL04DRES<br>U-UTIL04FU<br>IN-RRFUTIL04 or IN-BRFEM04<br>ASG-UTIL04                | F1<br>F2<br>F3<br>F4-RR<br>F4-BR<br>F5<br>F6<br>F7<br>F8-RR<br>F8-BR<br>F9            | 814 Enrollment<br>814 Enrollment<br>867 MU<br>810 Invoice RR or<br>810 Invoice BR<br>814 Drop<br>814 Drop<br>867 Final Meter Read<br>810 Final Invoice RR<br>or<br>810 Final Invoice BR<br>248 Account Assignment                           | Account Assignment – Final Bill – Unpaid Debit Balance w/Invoice Information  |
| ASG005 | E-EM05REQ<br>E-UTIL05RES<br>U-UTIL05MU<br>IN-RRUTIL05 or IN-BREM05<br>E-EM05DREQ<br>E-UTIL05DRES<br>U-UTIL05FU<br>IN-RRFUTIL05 or IN-BRFEM05<br>ASG-UTIL05<br><br>AA-EM05 | F1<br>F2<br>F3<br>F4-RR<br>F4-BR<br>F5<br>F6<br>F7<br>F8-RR<br>F8-BR<br>F9<br><br>F10 | 814 Enrollment<br>814 Enrollment<br>867 MU<br>810 Invoice RR or<br>810 Invoice BR<br>814 Drop<br>814 Drop<br>867 Final Meter Read<br>810 Final Invoice RR<br>or<br>810 Final Invoice BR<br>248 Account Assignment<br>824 Application Advice | Account Assignment – Validation Error - Final Bill  |
| ASG006 | E-EM06REQ<br>E-UTIL06RES<br>U-UTIL06MU<br>IN-RRUTIL06 or IN-BREM06<br>ASG-UTIL06<br><br>AA-EM06   | F1<br>F2<br>F3<br>F4-RR<br>F4-BR<br>F5<br><br>F6                                      | 814 Enrollment<br>814 Enrollment<br>867 MU<br>810 Invoice RR or<br>810 Invoice BR<br>248 Account Assignment<br>824 Application Advice   | Account Assignment – Validation Error - Unpaid Debit Balance – Aged Receivables (Relationship With Billing Party Continues) |

## V. PHASE II/III TEST SCENARIO WORKSHEETS

**Scenario ID: ASG001– Account Assignment - Final Bill – Unpaid Debit Balance**

**Test a 248 Account Assignment transaction initiated by the Utility**

**Test Objectives:**

- Utility will generate and successfully transmit Account Assignment transaction to the E/MESCO

**Commodity:** \_\_\_\_\_ (Electric / Gas)

**Account #:** \_\_\_\_\_

**Account #:** \_\_\_\_\_

**Account #:** \_\_\_\_\_

**Account #:** \_\_\_\_\_

**Frame:** F1     **Responsible Party:** E/MESCO

**Script ID:** E-EM01REQ

**Transaction:** 814 Enrollment Request

**Description:** E/MESCO submits an 814 Enrollment Request to Utility

**Expected Results:**

- The E/MESCO successfully transmits the 814 Enrollment Request to the Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F2     **Responsible Party:** Utility

**Script ID:** E-UTIL01RES

**Transaction:** 814 Enrollment Response

**Description:** Utility creates and transmits 814 Enrollment Accept Response to the E/MESCO

**Expected Results:**

- The Utility successfully transmits the 814 Enrollment Accept Response to the E/MESCO.
- A 997 transaction is received from the incumbent E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F3     **Responsible Party:** Utility

**Script ID:** U-UTIL01MU

**Transaction:** 867 Monthly Usage

**Description:** Utility creates and sends 867 Monthly Usage to the E/MESCO.

**Expected Results:**

- The utility successfully transmits the 867 Monthly Usage transaction to the E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F4     **Responsible Party:** Utility

**Script ID:** IN-RRUTIL01

**Transaction:** 810 Utility Rate Ready Invoice

**Description:** Utility creates and transmits 810 Rate Ready Invoice to E/MESCO

**Expected Results:**

- The Utility successfully transmits the 810 Rate Ready Invoice to E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

OR

**Frame:** F4     **Responsible Party:** E/MESCO

**Script ID:** IN-BRUTIL01

**Transaction:** 810 Utility Bill Ready Invoice

**Description:** E/MESCO creates and transmits 810 Bill Ready Invoice to Utility

**Expected Results:**

- The E/MESCO successfully transmits the 810 Bill Ready Invoice to Utility
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F5      **Responsible Party:** E/MESCO

**Script ID:** E-EM01DREQ

**Transaction:** 814 Drop Request

**Description:** E/MESCO creates and transmits 814 Drop Request to Utility

**Expected Results:**

- The E/MESCO successfully transmits the 814 Drop Request to the Utility
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F6      **Responsible Party:** Utility

**Script ID:** E-UTIL01DRES

**Transaction:** 814 Drop Response

**Description:** Utility creates and transmits Drop Response to E/MESCO

**Expected Results:**

- The Utility successfully transmits the 814 Drop Response to E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F7      **Responsible Party:** Utility

**Script ID:** U-UTIL01FU

**Transaction:** 867 Final Meter Read and Usage

**Description:** Utility creates and transmits 867 Final Meter Read and Usage to E/MESCO

**Expected Results:**

- The Utility successfully transmits the 867 Final Meter Read and Usage to E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F8     **Responsible Party:** Utility

**Script ID:** IN-RRFUTIL01

**Transaction:** 810 Utility Rate Ready Final Invoice

**Description:** Utility creates and transmits 810 Rate Ready Final Invoice to E/MESCO

**Expected Results:**

- The Utility successfully transmits the 810 Rate Ready Final Invoice to E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

OR

**Frame:** F8     **Responsible Party:** E/MESCO

**Script ID:** IN-BRFUTIL01

**Transaction:** 810 Utility Bill Ready Final Invoice

**Description:** E/MESCO creates and transmits 810 Bill Ready Final Invoice to E/MESCO

**Expected Results:**

- The E/MESCO successfully transmits the 810 Bill Ready Final Invoice to Utility
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F9     **Responsible Party:** Utility

**Script ID:** ASG-UTIL01

**Transaction:** 248 Account Assignment

**Description:** Utility successfully creates and transmits 248 Account Assignment, with an unpaid debit balance, to the E/MESCO

**Expected Results:**

- The Utility successfully transmits a 248 Account Assignment to the E/MESCO
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Actual Overall Results:**

**Scenario ID: ASG002– Account Assignment - Final Bill – Credit Balance****Test a 248 Account Assignment transaction initiated by the Utility****Test Objectives:**

- Utility will generate and successfully transmit Account Assignment transaction to the E/MESCO

Commodity: \_\_\_\_\_ (Electric / Gas)

Account #: \_\_\_\_\_

Account #: \_\_\_\_\_

Account #: \_\_\_\_\_

Account #: \_\_\_\_\_

**Frame:** F1      **Responsible Party:** E/MESCO**Script ID:** E-EM02REQ**Transaction:** 814 Enrollment Request**Description:** E/MESCO submits an 814 Enrollment Request to Utility**Expected Results:**

- The E/MESCO successfully transmits the 814 Enrollment Request to the Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:****Date Completed:****Frame:** F2      **Responsible Party:** Utility**Script ID:** E-UTIL02RES**Transaction:** 814 Enrollment Response**Description:** Utility creates and transmits 814 Enrollment Accept Response to the E/MESCO**Expected Results:**

- The Utility successfully transmits the 814 Enrollment Accept Response to the E/MESCO.
- A 997 transaction is received from the incumbent E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:****Date Completed:**

**Frame:** F3     **Responsible Party:** Utility

**Script ID:** U-UTIL02MU

**Transaction:** 867 Monthly Usage

**Description:** Utility creates and sends 867 Monthly Usage to the [E/MESCO](#).

**Expected Results:**

- The utility successfully transmits the 867 Monthly Usage transaction to the [E/MESCO](#).
- A 997 transaction is received from the [E/MESCO](#) to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F4     **Responsible Party:** Utility

**Script ID:** IN-RRUTIL02

**Transaction:** 810 Utility Rate Ready Invoice

**Description:** Utility creates and transmits 810 Rate Ready Invoice to [E/MESCO](#)

**Expected Results:**

- The Utility successfully transmits the 810 Rate Ready Invoice to [E/MESCO](#).
- A 997 transaction is received from the [E/MESCO](#) to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**OR**

**Frame:** F4     **Responsible Party:** [E/MESCO](#)

**Script ID:** IN-BRUTIL02

**Transaction:** 810 Utility Bill Ready Invoice

**Description:** [E/MESCO](#) creates and transmits 810 Bill Ready Invoice to Utility

**Expected Results:**

- The [E/MESCO](#) successfully transmits the 810 Bill Ready Invoice to Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F5      **Responsible Party:** E/MESCO

**Script ID:** E-EM02DREQ

**Transaction:** 814 Drop Request

**Description:** E/MESCO creates and transmits 814 Drop Request to Utility

**Expected Results:**

- The E/MESCO successfully transmits the 814 Drop Request to the Utility
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F6      **Responsible Party:** Utility

**Script ID:** E-UTIL02DRES

**Transaction:** 814 Drop Response

**Description:** Utility creates and transmits Drop Response to E/MESCO

**Expected Results:**

- The Utility successfully transmits the 814 Drop Response to E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F7      **Responsible Party:** Utility

**Script ID:** U-UTIL02FU

**Transaction:** 867 Final Meter Read and Usage

**Description:** Utility creates and transmits 867 Final Meter Read and Usage to E/MESCO

**Expected Results:**

- The Utility successfully transmits the 867 Final Meter Read and Usage to E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F8      **Responsible Party:** Utility

**Script ID:** IN-RRFUTIL02

**Transaction:** 810 Utility Rate Ready Final Invoice

**Description:** Utility creates and transmits 810 Rate Ready Final Invoice to [E/MESCO](#)

**Expected Results:**

- The Utility successfully transmits the 810 Rate Ready Final Invoice to [E/MESCO](#).
- A 997 transaction is received from the [E/MESCO](#) to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**OR**

**Frame:** F8      **Responsible Party:** [E/MESCO](#)

**Script ID:** IN-BRFUTIL02

**Transaction:** 810 Utility Bill Ready Final Invoice

**Description:** [E/MESCO](#) creates and transmits 810 Bill Ready Final Invoice to Utility

**Expected Results:**

- The [E/MESCO](#) successfully transmits the 810 Bill Ready Final Invoice to Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F9      **Responsible Party:** Utility

**Script ID:** ASG-UTIL02

**Transaction:** 248 Account Assignment

**Description:** Utility successfully creates and transmits 248 Account Assignment, with credit balance, to the [E/MESCO](#).

**Expected Results:**

- The Utility successfully transmits a 248 Account Assignment to the [E/MESCO](#)
- A 997 transaction is received from the [E/MESCO](#) to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Actual Overall Results:**

**Scenario ID: ASG003– Account Assignment - Unpaid Debit Balance – Aged Receivables (Relationship With Billing Party Continues)**

**Test a 248 Account Assignment transaction initiated by the Utility**

**Test Objectives:**

- Utility will generate and successfully transmit Account Assignment transaction to the E/MESCO

**Commodity:** \_\_\_\_\_ (Electric / Gas)

**Account #:** \_\_\_\_\_

**Account #:** \_\_\_\_\_

**Account #:** \_\_\_\_\_

**Account #:** \_\_\_\_\_

**Frame:** F1      **Responsible Party:** E/MESCO

**Script ID:** E-EM03REQ

**Transaction:** 814 Enrollment Request

**Description:** E/MESCO submits an 814 Enrollment Request to Utility

**Expected Results:**

- The E/MESCO successfully transmits the 814 Enrollment Request to the Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F2      **Responsible Party:** Utility

**Script ID:** E-UTIL03RES

**Transaction:** 814 Enrollment Response

**Description:** Utility creates and transmits 814 Enrollment Accept Response to the E/MESCO

**Expected Results:**

- The Utility successfully transmits the 814 Enrollment Accept Response to the E/MESCO.
- A 997 transaction is received from the incumbent E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F3      **Responsible Party:** Utility

**Script ID:** U-UTIL03MU

**Transaction:** 867 Monthly Usage

**Description:** Utility creates and sends 867 Monthly Usage to the E/MESCO.

**Expected Results:**

- The utility successfully transmits the 867 Monthly Usage transaction to the E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F4      **Responsible Party:** Utility

**Script ID:** IN-RRUTIL03

**Transaction:** 810 Utility Rate Ready Invoice

**Description:** Utility creates and transmits 810 Rate Ready Invoice to E/MESCO

**Expected Results:**

- The Utility successfully transmits the 810 Rate Ready Invoice to E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**OR**

**Frame:** F4      **Responsible Party:** E/MESCO

**Script ID:** IN-BREM03

**Transaction:** 810 Utility Bill Ready Invoice

**Description:** E/MESCO creates and transmits 810 Bill Ready Invoice to Utility

**Expected Results:**

- The E/MESCO successfully transmits the 810 Bill Ready Invoice to Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F5      **Responsible Party:** Utility

**Script ID:** ASG-UTIL03

**Transaction:** 248 Account Assignment

**Description:** Utility creates and transmits 248 Account Assignment to the E/MESCO

**Expected Results:**

- The Utility successfully transmits a 248 Account Assignment, with unpaid debit balance, to the E/MESCO (in this scenario the billing relationship continues)
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Actual Overall Results:**

FILED

**Scenario ID: ASG004– Account Assignment - Final Bill – Unpaid Debit Balance w/Invoice Information****Test a 248 Account Assignment transaction initiated by the Utility****Test Objectives/Notes:**

- Utility will generate and successfully transmit Account Assignment transaction to the E/MESCO
- This scenario only applies to utilities that provide the Invoice Information (DTP\*003) loop

Commodity: \_\_\_\_\_ (Electric / Gas)

Account #: \_\_\_\_\_

Account #: \_\_\_\_\_

Account #: \_\_\_\_\_

Account #: \_\_\_\_\_

**Frame:** F1      **Responsible Party:** E/MESCO**Script ID:** E-EM04REQ**Transaction:** 814 Enrollment Request**Description:** E/MESCO submits an 814 Enrollment Request to Utility**Expected Results:**

- The E/MESCO successfully transmits the 814 Enrollment Request to the Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:****Date Completed:****Frame:** F2      **Responsible Party:** Utility**Script ID:** E-UTIL04RES**Transaction:** 814 Enrollment Response**Description:** Utility creates and transmits 814 Enrollment Accept Response to the E/MESCO**Expected Results:**

- The Utility successfully transmits the 814 Enrollment Accept Response to the E/MESCO.
- A 997 transaction is received from the incumbent E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:****Date Completed:**

**Frame:** F3     **Responsible Party:** Utility

**Script ID:** U-UTIL04MU

**Transaction:** 867 Monthly Usage

**Description:** Utility creates and sends 867 Monthly Usage to the E/MESCO.

**Expected Results:**

- The utility successfully transmits the 867 Monthly Usage transaction to the E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F4     **Responsible Party:** Utility

**Script ID:** IN-RRUTIL04

**Transaction:** 810 Utility Rate Ready Invoice

**Description:** Utility creates and transmits 810 Rate Ready Invoice to E/MESCO

**Expected Results:**

- The Utility successfully transmits the 810 Rate Ready Invoice to E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

OR

**Frame:** F4     **Responsible Party:** E/MESCO

**Script ID:** IN-BRUTIL04

**Transaction:** 810 Utility Bill Ready Invoice

**Description:** E/MESCO creates and transmits 810 Bill Ready Invoice to Utility

**Expected Results:**

- The E/MESCO successfully transmits the 810 Bill Ready Invoice to Utility
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F5      **Responsible Party:** E/MESCO

**Script ID:** E-EM04DREQ

**Transaction:** 814 Drop Request

**Description:** E/MESCO creates and transmits 814 Drop Request to Utility

**Expected Results:**

- The E/MESCO successfully transmits the 814 Drop Request to the Utility
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F6      **Responsible Party:** Utility

**Script ID:** E-UTIL04DRES

**Transaction:** 814 Drop Response

**Description:** Utility creates and transmits Drop Response to E/MESCO

**Expected Results:**

- The Utility successfully transmits the 814 Drop Response to E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F7      **Responsible Party:** Utility

**Script ID:** U-UTIL04FU

**Transaction:** 867 Final Meter Read and Usage

**Description:** Utility creates and transmits 867 Final Meter Read and Usage to E/MESCO

**Expected Results:**

- The Utility successfully transmits the 867 Final Meter Read and Usage to E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F8     **Responsible Party:** Utility

**Script ID:** IN-RRFUTIL04

**Transaction:** 810 Utility Rate Ready Final Invoice

**Description:** Utility creates and transmits 810 Rate Ready Final Invoice to [E/MESCO](#)

**Expected Results:**

- The Utility successfully transmits the 810 Rate Ready Final Invoice to [E/MESCO](#).
- A 997 transaction is received from the [E/MESCO](#) to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

OR

**Frame:** F8     **Responsible Party:** [E/MESCO](#)

**Script ID:** IN-BRFUTIL04

**Transaction:** 810 Utility Bill Ready Final Invoice

**Description:** [E/MESCO](#) creates and transmits 810 Bill Ready Final Invoice to [E/MESCO](#)

**Expected Results:**

- The [E/MESCO](#) successfully transmits the 810 Bill Ready Final Invoice to Utility
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F9     **Responsible Party:** Utility

**Script ID:** ASG-UTIL04

**Transaction:** 248 Account Assignment

**Description:** Utility creates and transmits 248 Account Assignment, with unpaid debit balance, to the [E/MESCO](#) including the Invoice Information loop (for final bill).

**Expected Results:**

- The Utility successfully transmits a 248 Account Assignment to the [E/MESCO](#)
- A 997 transaction is received from the [E/MESCO](#) to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Actual Overall Results:**

**Scenario ID: ASG005– Account Assignment - Validation Error – Final Bill****Test a 248 Account Assignment transaction initiated by the Utility****Test Objectives:**

- Utility will generate and successfully transmit Account Assignment transaction to the E/MESCO

Commodity: \_\_\_\_\_ (Electric / Gas)

Account #: \_\_\_\_\_

Account #: \_\_\_\_\_

Account #: \_\_\_\_\_

Account #: \_\_\_\_\_

**Frame:** F1      **Responsible Party:** E/MESCO**Script ID:** E-EM05REQ**Transaction:** 814 Enrollment Request**Description:** E/MESCO submits an 814 Enrollment Request to Utility**Expected Results:**

- The E/MESCO successfully transmits the 814 Enrollment Request to the Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:****Date Completed:****Frame:** F2      **Responsible Party:** Utility**Script ID:** E-UTIL05RES**Transaction:** 814 Enrollment Response**Description:** Utility creates and transmits 814 Enrollment Accept Response to the E/MESCO**Expected Results:**

- The Utility successfully transmits the 814 Enrollment Accept Response to the E/MESCO.
- A 997 transaction is received from the incumbent E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:****Date Completed:**

**Frame:** F3     **Responsible Party:** Utility

**Script ID:** U-UTIL05MU

**Transaction:** 867 Monthly Usage

**Description:** Utility creates and sends 867 Monthly Usage to the E/MESCO.

**Expected Results:**

- The utility successfully transmits the 867 Monthly Usage transaction to the E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Frame:** F4     **Responsible Party:** Utility

**Script ID:** IN-RRUTIL05

**Transaction:** 810 Utility Rate Ready Invoice

**Description:** Utility creates and transmits 810 Rate Ready Invoice to the E/MESCO

**Expected Results:**

- The Utility successfully transmits the 810 Rate Ready Invoice to the E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**OR**

**Frame:** F4     **Responsible Party:** E/MESCO

**Script ID:** IN-BRUTIL05

**Transaction:** 810 Utility Bill Ready Invoice

**Description:** E/MESCO creates and transmits 810 Bill Ready Invoice to the Utility

**Expected Results:**

- The E/MESCO successfully transmits the 810 Bill Ready Invoice to the Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F5      **Responsible Party:** E/MESCO

**Script ID:** E-EM05DREQ

**Transaction:** 814 Drop Request

**Description:** E/MESCO creates and transmits 814 Drop Request to the Utility

**Expected Results:**

- The E/MESCO successfully transmits the 814 Drop Request to the Utility
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F6      **Responsible Party:** Utility

**Script ID:** E-UTIL05DRES

**Transaction:** 814 Drop Response

**Description:** Utility creates and transmits Drop Response to the E/MESCO

**Expected Results:**

- The Utility successfully transmits the 814 Drop Response to the E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F7      **Responsible Party:** Utility

**Script ID:** U-UTIL05FU

**Transaction:** 867 Final Meter Read and Usage

**Description:** Utility creates and transmits 867 Final Meter Read and Usage to the E/MESCO

**Expected Results:**

- The Utility successfully transmits the 867 Final Meter Read and Usage to the E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F8     **Responsible Party:** Utility

**Script ID:** IN-RRFUTIL05

**Transaction:** 810 Utility Rate Ready Final Invoice

**Description:** Utility creates and transmits 810 Rate Ready Final Invoice to the E/MESCO

**Expected Results:**

- The Utility successfully transmits the 810 Rate Ready Final Invoice to the E/MESCO.
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**OR**

**Frame:** F8     **Responsible Party:** E/MESCO

**Script ID:** IN-BRFUTIL05

**Transaction:** 810 Utility Bill Ready Final Invoice

**Description:** E/MESCO creates and transmits 810 Bill Ready Final Invoice to the Utility

**Expected Results:**

- The E/MESCO successfully transmits the 810 Bill Ready Final Invoice to the Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F9     **Responsible Party:** Utility

**Script ID:** ASG-UTIL05

**Transaction:** 248 Account Assignment with validation error – invoice number invalid

**Description:** Utility creates and transmits 248 Account Assignment with validation error – invalid invoice number - to the E/MESCO (final bill)

**Expected Results:**

- The Utility successfully transmits a 248 Account Assignment with validation error – invalid invoice number - to the E/MESCO
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** 10      **Responsible Party:** E/MESCO

**Script ID:** AA-EM05

**Transaction:** 824 Application Advice

**Description:** E/MESCO creates and transmits an 824 Application Advice to the Utility

**Expected Results:**

- The E/MESCO successfully transmits an 824 Application Advice to the Utility
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Actual Overall Results:**

FULLY

**Scenario ID: ASG006– Account Assignment - Validation Error – Unpaid Debit Balance – Aged Receivables  
(Relationship With Billing Party Continues)**

**Test a 248 Account Assignment transaction initiated by the Utility**

**Test Objectives:**

- Utility will generate and successfully transmit Account Assignment transaction to the E/MESCO

**Commodity:** \_\_\_\_\_ (Electric / Gas)

**Account #:** \_\_\_\_\_

**Account #:** \_\_\_\_\_

**Account #:** \_\_\_\_\_

**Account #:** \_\_\_\_\_

**Frame:** F1      **Responsible Party:** E/MESCO

**Script ID:** E-EM06REQ

**Transaction:** 814 Enrollment Request

**Description:** E/MESCO submits an 814 Enrollment Request to Utility

**Expected Results:**

- The E/MESCO successfully transmits the 814 Enrollment Request to the Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F2      **Responsible Party:** Utility

**Script ID:** E-UTIL06RES

**Transaction:** 814 Enrollment Response

**Description:** Utility creates and transmits 814 Enrollment Accept Response to the E/MESCO

**Expected Results:**

- The Utility successfully transmits the 814 Enrollment Accept Response to the E/MESCO.
- A 997 transaction is received from the incumbent E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F3     **Responsible Party:** Utility

**Script ID:** U-UTIL06MU

**Transaction:** 867 Monthly Usage

**Description:** Utility creates and sends 867 Monthly Usage to the [E/MESCO](#).

**Expected Results:**

- The utility successfully transmits the 867 Monthly Usage transaction to the [E/MESCO](#).
- A 997 transaction is received from the [E/MESCO](#) to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F4     **Responsible Party:** Utility

**Script ID:** IN-RRUTIL06

**Transaction:** 810 Utility Rate Ready Invoice

**Description:** Utility creates and transmits 810 Rate Ready Invoice to the [E/MESCO](#)

**Expected Results:**

- The Utility successfully transmits the 810 Rate Ready Invoice to the [E/MESCO](#).
- A 997 transaction is received from the [E/MESCO](#) to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**OR**

**Frame:** F4     **Responsible Party:** [E/MESCO](#)

**Script ID:** IN-BREM06

**Transaction:** 810 Utility Bill Ready Invoice

**Description:** [E/MESCO](#) creates and transmits 810 Bill Ready Invoice to the Utility

**Expected Results:**

- The [E/MESCO](#) successfully transmits the 810 Bill Ready Invoice to the Utility.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F5      **Responsible Party:** Utility

**Script ID:** ASG-UTIL06

**Transaction:** 248 Account Assignment with validation error - invalid invoice number

**Description:** Utility creates and transmits 248 Account Assignment with validation error – invalid account number - to the E/MESCO (billing relationship continues)

**Expected Results:**

- The Utility successfully transmits a 248 Account Assignment with validation error – invalid account number - to the E/MESCO
- A 997 transaction is received from the E/MESCO to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Frame:** F6      **Responsible Party:** E/MESCO

**Script ID:** AA-EM06

**Transaction:** 824 Application Advice

**Description:** E/MESCO creates and transmits 824 Application Advice to the Utility

**Expected Results:**

- The E/MESCO successfully transmits an 824 Application Advice to the Utility rejecting the 248 Account Assignment for invalid account number
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

**Actual Results:**

**Date Completed:**

**Actual Overall Results:**