Technical Operating Profile

For

Electronic Data Interchange in New York

Supplement 4 – 810 Invoice Utility Consolidated Billing

Version 3.2
January 29, 2016

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		Summary of Changes
August 12, 2002 **Version 1.0**		**Initial Release**
February 21, 2003 **Version 2.0**		**Version 2.0 Issued** Tests added for 824 Positive Notification (Utility Bill Ready) and 824 Application Advice (Utility Rate Ready and Utility Bill Ready)
June 18, 2003 **Version 3.0**		**Version 3.0 Issued** Tests added for 568 Payment Advisement and 568 Account Receivables Advisement (Utility Rate Ready)
August 20, 2009 **Version 3.1**		**Version 3.1 Issued** List of Applicable Orders (pg.3) was updated. Bill Ready Phase 1, II and III Test Scenarios were updated to reflect new and revised segments required for Residential Customers on Budget Plans: BAL~Y~46 Budget Plan Cumulative Difference (revised) BAL~Y~0S Budget Plan Actual Charges Billed to Date (new) BAL~Y~0R Budget Plan Installments Billed to Date (new) BAL~M~41 Budget Plan Current Month Difference (revised)
January 29, 2016 **Version 3.2**		**Version 3.1 Issued** Replaced references to E/M and Marketer with ESCO. Added Scalability/Suitability note to Testing Assumptions section.

I. PURPOSE

This document, which will be referred to as **Technical Operating Profile (TOP) Supplement 4**, provides the guidelines and specifications for Electronic Data Interchange (EDI) testing of the 810 Invoice Utility Bill Ready or Utility Rate Ready consolidated billing. The specifications were developed in accordance with the ongoing work of the New York EDI Collaborative (the Collaborative), which has primary responsibility for developing New York's EDI data standards as directed by the New York Public Service Commission (PSC or Commission)[1].

This document is designed to be used in conjunction with the orders issued to-date by the Commission in Case 98-M-0667 (In the Matter of Electronic Data Interchange) including:

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, issued and effective July 23, 2001. Supplement E of this opinion, the Technical Operating Profile (TOP), establishes general testing procedures including Phase I testing requirements.

B) Order Approving EDI Test Plans and Data Standards, issued and effective November 8, 2001. Supplement A of this order, Top Supplement 1, contains Phase II and Phase III testing information and procedures. Top Supplement 1 as amended by the order issued September 13, 2006.

C) Order Approving EDI Test Plans and Data Standards (issued and effective May 29, 2002). Supplement A of this order, TOP Supplement 2, contains test procedures for the 814 Change (Account Maintenance) transaction.

D) Order Approving Electronic Data Interchange Transactions for Utility Bill Ready and Rate Ready Billing, issued and effective June 21, 2002. Orders updating the Utility Rate Ready (v1.2) and Bill Ready standards (v.1.2) issued June 21, 2006 and August 20, 2009 respectively.

E) Order Approving Electronic Data Interchange Standards for Positive Notification and Modifying the Functional Acknowledgement, Application Advice and Utility Bill Ready Invoice Standards, issued and effective November 7, 2002.

F) Order Approving Electronic Data Interchange Standards for Payment Advisement and Account Receivables Advisement, issued and effective February 24, 2003.

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.

810 Invoice Testing Options: In New York, ESCOs deemed eligible by the PSC 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 specifies the option(s) they intend to make available to ESCOs participating in their service territory (i.e. 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

[1] New York Public Service Commission Electronic Data Interchange proceeding, Case 98-M-0667.

method or purchase receivables) they intend to use. The content and structure of the 810 Invoice thus may vary by commodity type, budget billing status, bill option or payment processing method. Accordingly, each test scenario may not be applicable to every market participant. For each test candidate, Staff will determine which of the Phase I test scenarios are applicable. The test scenarios applicable to a specific Utility and a specific ESCO for Phase II or III testing will be determined by the commodity type, budget bill offerings, and bill and payment processing options available in that Utility's service territory.

End-to-End Testing: End-to-end testing allows market participants to conduct fully integrated tests for each utility consolidated billing invoice scenario. An end-to-end test cycle begins with Utility receipt of an 814 Enrollment Request transaction (which specifies a customer's commodity type, budget bill status and preferred bill option) and includes all subsequent EDI transactions expected to occur in the normal production process preceding initiation of the 810 Invoice transaction. During the transition to EDI in New York, as each EDI data standard is approved, a 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 will have already completed various phases of EDI testing for transactions that would normally precede transmission of an 810 Invoice transaction (such as the TS814 Enrollment, Drop and Change transactions and the TS867 Monthly Usage transaction). For these participants, end-to-end testing at this juncture may be redundant and cost prohibitive. For those market participants, however, who have not yet initiated any EDI testing, end-to-end testing offers the opportunity to conduct fully integrated testing of their systems for the Utility Bill Ready or Rate Ready test scenarios. In the post-EDI transition period, therefore, Utilities will be expected to test new ESCOs using the end-to-end approach, with execution details left to each utility.

Simulated Processing Dates and Times: When moving from one frame to the next in a scenario, test participants may be required to advance their test system dates and/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.

Test Scenario Worksheets: Each Test Scenario Worksheet includes a complete set of end-to-end test scripts and includes all frames used for end-to-end testing of each Utility Rate Ready and Utility Bill Ready Scenario. 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.

III. PHASE I TEST SCENARIOS

The table below lists the sample transactions required to successfully complete Phase I testing of the 810 transaction. Note that calendar month terms used below are illustrative and actual submitted tests can be structured using other, acceptable billing periods.

Rate Ready Tests

Utility Tests		
TEST ID	**UNIT**	**TEST NAME**
URR-UTIL01a	810	Issue original invoice #A, (pay-as-you-get-paid or purchase receivables method)
URR-UTIL01b	810	Cancel Invoice #A, (pay-as-you-get-paid or purchase receivables method)
URR-UTIL02a	810	Issue original invoice #B, budget plan, with or without previous balance (pay-as-you-get-paid or purchase receivables method)
URR-UTIL02b	810	Cancel invoice #B, budget plan, with or without previous balance (pay-as-you-get-paid or purchase receivables method)
URR-UTIL03a	810	Issue original invoice #C, arrears, LPC late payment fees (pay-as-you-get-paid or purchase receivables method)
URR-UTIL03b	810	Cancel invoice #C, arrears, LPC late payment fees (pay-as-you-get-paid or purchase receivables method)
URR-UTIL04a	810	Issue original invoice #D for calendar month of February (pay-as-you-get-paid or purchase receivables method)
URR-UTIL04b	810	Issue original invoice #E for calendar month of January (pay-as-you-get-paid or purchase receivables method)
URR-UTIL04c	810	Issue original invoice #F for calendar month of December (pay-as-you-get-paid or purchase receivables method)
URR-UTIL05a	810	Cancel invoice #D (pay-as-you-get-paid or purchase receivables method)
URR-UTIL05b	810	Cancel invoice #E (pay-as-you-get-paid or purchase receivables method)
URR-UTIL05c	810	Cancel invoice #F (pay-as-you-get-paid or purchase receivables method)
URR-UTIL06a *	810	Issue restated invoice #D (pay-as-you-get-paid or purchase receivables method)
URR-UTIL06b *	810	Issue restated invoice #E (pay-as-you-get-paid or purchase receivables method)
URR-UTIL06c *	810	Issue restated invoice #F (pay-as-you-get-paid or purchase receivables method)
URR-UTIL06d *	810	Issue restated invoice #G for the period December through February (* either tests 6a, 6b and 6c OR test 6d must be completed)
URR-UTIL07	810	Issue final invoice, which contains multiple charges, at least one of which must be a credit
URR-UTIL08	810	Issue invoice, which contains charges and taxes at the account, meter and unmetered levels
URR-UTIL09	568PA	Payment advisement providing customer payment or payment reversal information for multiple accounts and commodities (purchase receivables method)
URR-UTIL10	568PA	Payment advisement cancel transaction (purchase receivables method)

ESCO Tests		
URR-EM824AA01	824	Reject response to invoice for invalid account number, incorrect bill option, incorrect commodity or other invoice error
URR-EM824AA02	824	Reject response to invoice for incorrect summation of items in the TDS segment.
URR-EM568AR01	568AR	Account receivables advisement transaction, beginning balance (pay-as-you-get-paid method)
URR-EM568AR02	568AR	Account receivables advisement transaction, credit adjustment (pay-as-you-get-paid method)
URR-EM568AR03	568AR	Account receivables advisement transaction, debit adjustment (pay-as-you-get-paid method)
URR-EM568AR04	568AR	Account receivables advisement cancel transaction (pay-as-you-get-paid method)

Bill Ready Tests

ESCO Tests		
TEST ID	**UNIT**	**TEST NAME**
UBR-EM02	810	Issue initial, original invoice #B, following a switch from dual bill to Utility Bill Ready billing, customer on budget plan, text message using codes (revised August 2009).
UBR-EM03a	810	Issue original invoice #C for calendar month of December
UBR-EM03b	810	Issue original invoice #D for calendar month of January
UBR-EM03c	810	Issue original invoice #E for calendar month of February
UBR-EM03d *	810	Issue original invoice #F (containing restated charges based on restated usage for the period February through December) AND original invoice #G (containing current period charges for month of March)
UBR-EM03e *	810	Issue four original invoices to restate charges for December, January, and February and for current period charges for March (* tests required contigent upon whether the utility sent individual 867s for each restated period or a bulk adjustment)
UBR-EM04	810	Issue original invoice(s) for March following missed bill window for February (February invoice rejected or February invoice held)
UBR-EM05	810	Issue original invoice which contains charges and taxes at the account and meter OR unmetered levels
UBR-EM06	810	Issue original invoice containing multiple charges and at least one segment
UBR-EM07	810	Issue original invoice following receipt of an interim bill notice
Utility Tests		
UBR-UTIL824AA01	824	Reject Response for invalid account number, incorrect commodity, invalid bill option or other invoice errors
UBR-UTIL824AA02	824	Reject Response for missed bill window - data will be held
UBR-UTIL824AA03	824	Reject Response for missed bill window - data must be resubmitted
UBR-UTIL824PN01	824	Positive notification to single 810 invoice
UBR-UTIL824PN02	824	Positive notification response to multiple invoices (note: utility may send one positive notification for each invoice or may send one positive notification that references all invoices if the data in those invoices will be presented in a single bill)

IV. LIST OF PHASE II & III TEST SCENARIOS

Rate Ready Tests

RRI001: Single Bill Utility Rate Ready Invoice – Accept Response (Tests various meter and rate configurations specific to individual Utility)
RRI002: Single Bill Utility Rate Ready Invoice – Two Meters and Two Rate Codes
RRI003: Single Bill Utility Rate Ready Invoice – Budget Billing Option detail
RRI004: Single Bill Utility Rate Ready Invoice – Settlement Amount for Discontinued Budget Bill Plan
RRI005: Single Bill Utility Rate Ready Invoice – Cancel and Rebill for Incorrect Usage
RRI006: Single Bill Utility Rate Ready Invoice - Bill Option Change from Utility Rate Ready to Dual
RRI007: Single Bill Utility Rate Ready Invoice - With Invalid 867 Cross Reference Number
RRI008: Single Bill Utility Rate Ready Invoice - With Invalid Account Number
RRI009: 568 Payment Advisement – customer payment or payment reversal information for multiple accounts and commodities (purchase receivables method)
RRI010: 568 Payment Advisement - cancel transaction (purchase receivables method)
RRI011: 568 Payment Advisement - reject (purchase receivables method)
RRI012: 568 Account Receivables Advisement - beginning balance (pay-as-you-get-paid method)
RRI013: 568 Account Receivables Advisement - credit adjustment (pay-as-you-get-paid method)
RRI014: 568 Account Receivables Advisement - debit adjustment (pay-as-you-get-paid method)
RRI015: 568 Account Receivables Advisement - cancel transaction (pay-as-you-get-paid method)
RRI016: 568 Account Receivables Advisement - reject transaction (pay-as-you-get-paid method)

Bill Ready Tests

BRI001: Single Bill Utility Bill Ready Invoice – Single Meter, Single Rate
BRI002: Single Bill Utility Bill Ready Invoice – Metered/Unmetered Combination
BRI003: Single Bill Utility Bill Ready Invoice – Budget and Actual Charges With Arrears (revised 08/09).
BRI004: Single Bill Utility Bill Ready Invoice – Account Level Charges Only
BRI005: Single Bill Utility Bill Ready Invoice – Charges based on combination of kWh and Demand
BRI006: Single Bill Utility Bill Ready Invoice – Charges based on Unmetered Usage
BRI007: Single Bill Utility Bill Ready Invoice – Charges based on block charges and/or multiple peaks
BRI008: Single Bill Utility Bill Ready Invoice – Cancel and Rebill
BRI009: Single Bill Utility Bill Ready Invoice – Optional Alternative Testing for Complex Rates and Metering Combinations
BRI010: Single Bill Utility Bill Ready Invoice – Initiated by Receipt of an Interim Bill Notice (867)
BRI011: Single Bill Utility Bill Ready Invoice – Bill Option Change from Utility Bill Ready to Dual
BRI012: Single Bill Utility Bill Ready Invoice - With Invalid 867 Cross Reference Number
BRI013: Single Bill Utility Bill Ready Invoice - With Validation Error
BRI014: Single Bill Utility Bill Ready Invoice – Missed Bill Window

Test Scenario Scripts

The following table presents the frame breakdowns for each of the scenarios.

Scenario ID:	Script ID	Frame No.	Transaction Set	Description
Single Bill Utility Rate Ready Invoices				
RRI001	E-EM01REQ E-UTIL01RES U-UTIL01MU IN-RRUTIL01	F1 F2 F3 F4	814 Enrollment 814 Enrollment 867 MU 810 Invoice RR	Single Bill Utility Rate Ready Invoice – Accept Response (Tests various meter and rate configurations specific to individual Utility)
RRI002	E-EM02REQ E-UTIL02RES U-UTIL02MU IN-RRUTIL02	F1 F2 F3 F4	814 Enrollment 814 Enrollment 867 MU 810 Invoice RR	Single Bill Utility Rate Ready Invoice – Two Meters and Two Rate Codes
RRI003	E-EM03REQ E-UTIL03RES U-UTIL03MU IN-RRUTIL03	F1 F2 F3 F4	814 Enrollment 814 Enrollment 867 MU 810 Invoice RR	Single Bill Utility Rate Ready Invoice – Budget Billing Option detail
RRI004	E-EM04REQ E-UTIL04RES U-UTIL04MU IN-RRUTIL04	F1 F2 F3 F4	814 Enrollment 814 Enrollment 867 MU 810 Invoice RR	Single Bill Utility Rate Ready Invoice – Settlement Amount for Discontinued Budget Plan
RRI005	E-EM05REQ E-UTIL05RES U-UTIL05MU IN-RRUTIL05 U-UTIL05MU-C IN-RRUTIL05-C U-UTIL05MU-R IN-RRUTIL05-R	F1 F2 F3 F4 F5 F6 F7 F8	814 Enrollment 814 Enrollment 867 MU–Original 810 Invoice RR 867 MU – Cancel 810 Invoice RR – Cancel 867 MU – Restate 810 Invoice RR- Rebill	Single Bill Utility Rate Ready Invoice-Cancel and Re-bill for Incorrect Usage
RRI006	E-EM06REQ E-UTIL06RES U-UTIL06MU C-EM06REQ C-UTIL06RES U-UTIL06MU IN-RRUTIL06	F1 F2 F3 F4 F5 F6 F7	814 Enrollment 814 Enrollment 867 MU 814 Change 814 Change 867 MU 810 Invoice RR	Single Bill Utility Rate Ready Invoice - Bill Option Change from Dual to Utility Rate Ready
RRI007	E-EM07REQ E-UTIL07RES U-UTIL07MU IN-RRUTIL07REQ IN-EM07AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice RR 824 AA - Reject	Single Bill Utility Rate Ready Invoice - With Invalid 867 Cross Reference Number
RRI008	E-EM08REQ E-UTIL08RES U-UTIL08MU IN-RRUTIL08 IN-EM08AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice RR 824 AA – Reject	Single Bill Utility Rate Ready Invoice - With Invalid Account Number Error
RRI009:	E-EM09REQ E-UTIL09RES U-UTIL09MU IN-RRUTIL09 IN-RRUTIL09PA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice 568 PA	568 Payment Advisement with customer payment or payment reversal information for multiple accounts and commodities - Purchase Receivables Method

RRI010:	E-EM10REQ E-UTIL10RES U-UTIL10MU IN-RRUTIL10 IN-RRUTIL10PA IN-RRUTIL10PAc	F1 F2 F3 F4 F5 F6	814 Enrollment 814 Enrollment 867 MU 810 Invoice 568 PA 568 PA cancel	568 Payment Advisement cancel transaction – Purchase Receivables Method
RRI011:	E-EM11REQ E-UTIL11RES U-UTIL11MU IN-RRUTIL11 IN-RRUTIL11PA IN-EM11AA	F1 F2 F3 F4 F5 F6	814 Enrollment 814 Enrollment 867 MU 810 Invoice 568 PA 824 AA – reject	568 Payment Advisement transaction reject response - Purchase Receivables Method
RRI012:	E-EM12REQ E-UTIL12RES U-UTIL12MU IN-RRUTIL12 IN-EM12AR	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice 568 AR	568 Account Receivables Advisement transaction with beginning balance information - Pay-As-You-Get-Paid Method
RRI013:	E-EM13REQ E-UTIL13RES U-UTIL13MU IN-RRUTIL13 IN-EM13AR	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice 568 AR	568 Account Receivables Advisement transaction with credit adjustment information - Pay-As-You-Get-Paid Method
RRI014:	E-EM14REQ E-UTIL14RES U-UTIL14MU IN-RRUTIL14 IN-EMAR14	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice 568 AR	568 Account Receivables Advisement transaction with debit adjustment information – Pay-As-You-Get-Paid Method
RRI015:	E-EM15REQ E-UTIL15RES U-UTIL15MU IN-RRUTIL15 IN-EM15AR IN-EM15Arc	F1 F2 F3 F4 F5 F6	814 Enrollment 814 Enrollment 867 MU 810 Invoice 568 AR 568 AR Cancel	568 Account Receivables Advisement cancel transaction – Pay-As-You-Get-Paid Method
RRI016:	E-EM16EQ E-UTIL16RES U-UTIL16MU IN-RRUTIL16 IN-EM16AR IN-UTIL16AA	F1 F2 F3 F4 F5 F6	814 Enrollment 814 Enrollment 867 MU 810 Invoice 568 AR 824 AA - reject	568 Account Receivables Advisement transaction reject response - Pay-As-You-Get-Paid Method

Single Bill Utility Bill Ready Invoices				
BRI001	E-EM01REQ E-UTIL01RES U-UTIL01MU IN-BREM01 IN-UTIL01AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 PN Accept	Single Bill Utility Bill Ready Invoice – Single meter, Single Rate
BRI002	E-EM02REQ E-UTIL02RES U-UTIL02MU IN-BREM02 IN-UTIL02AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 PN Accept	Single Bill Utility Bill Ready Invoice – Metered/Unmetered Combination
BRI003	E-EM03REQ E-UTIL03RES U-UTIL03MU IN-BREM03 IN-UTIL03AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 PN Accept	Single Bill Utility Bill Ready Invoice – Budget and Actual Charges
BRI004	E-EM04REQ E-UTIL04RES U-UTIL04MU IN-BREM04 IN-UTIL04AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 PN Accept	Single Bill Utility Bill Ready Invoice – Account Level Charges Only
BRI005	E-EM05REQ E-UTIL05RES U-UTIL05MU IN-BREM05 IN-UTIL04AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 PN Accept	Single Bill Utility Bill Ready Invoice – Charges based on combination of kWh and Demand
BRI006	E-EM06REQ E-UTIL06RES U-UTIL06MU IN-BREM06 IN-UTIL06AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 PN Accept	Single Bill Utility Bill Ready Invoice – Charges based on Unmetered Usage
BRI007	E-EM07REQ E-UTIL07RES U-UTIL07MU IN-BREM07 IN-UTIL07AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 PN Accept	Single Bill Utility Bill Ready Invoice – Charges based on block charges and/or multiple peaks
BRI008	E-EM08REQ E-UTIL08RES U-UTIL08MU IN-BREM08 IN-UTIL08AA U-UTIL08MU-C U-UTIL08MU-R IN-BREM08-R IN-UTIL08AA-R	F1 F2 F3 F4 F5 F6 F7 F8 F9	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 PN Accept 867 MU Cancel 867 MU Restate 810 Invoice BR - with cancelled and restated charges 824 PN Accept	Single Bill Utility Bill Ready Invoice – Canceled and Restated Usage and Charges
BRI009	E-EM09REQ E-UTIL09RES U-UTIL09MU IN-BREM09 IN-UTIL09AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 PN Accept	Single Bill Utility Bill Ready Invoice – Optional Alternative Testing for Complex Rates and Metering Combinations

Single Bill Utility Bill Ready Invoices (continued)				
BRI011	E-EM11REQ E-UTIL11RES C-EM11REQ C-UTIL11RES U-UTIL11MU IN-BREM11 IN-UTIL11AA	F1 F2 F3 F4 F5 F6 F7	814 Enrollment 814 Enrollment 814 Change 814 Change 867 MU 810 Invoice BR 824 PN Accept	Single Bill Utility Bill Ready Invoice – Bill Option Change from Utility Bill Ready to Dual
BRI012	E-EM12REQ E-UTIL12RES U-UTIL12MU IN-BREM12 IN-UTIL12AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 AA Reject	Single Bill Utility Bill Ready Invoice With Invalid 867 Cross Reference Number
BRI013	E-EM13REQ E-UTIL13RES U-UTIL13MU IN-BREM13 IN-UTIL13AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 AA Reject	Single Bill Utility Bill Ready Invoice With Validation Error
BRI014	E-EM14REQ E-UTIL14RES U-UTIL14MU IN-BREM14 IN-UTIL14AA	F1 F2 F3 F4 F5	814 Enrollment 814 Enrollment 867 MU 810 Invoice BR 824 AA Reject	Single Bill Utility Bill Ready Invoice – Missed Bill Window

V. PHASE II/III TEST SCENARIO WORKSHEETS

RATE READY

Scenario ID: RRI001– Single Bill Utility Rate Ready – Accept Response

Test an 810 Single Bill Utility Rate Ready Invoice initiated by the Utility

Test Objectives/Notes:

- Utility will generate and successfully transmit 810 Single Bill Utility Rate Ready Invoice to the ESCO.
- Utilities will execute test payment methods, rates, and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM01REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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 ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the incumbent ESCO 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 transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL01

Transaction: 810 Single Bill Utility Rate Ready Invoice

Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: RRI002 – Single Bill Utility Rate Ready Invoice – Two Meters and Two Rate Codes

Test an 810 Single Bill Utility Rate Ready Invoice initiated by the Utility

Test Objectives/Notes:

- Utility will generate and successfully transmit Single Bill Utility Rate Ready Invoice to the ESCO. Invoice detail will include charges calculated for two meters each with its own rate code.
- Utilities will execute test payment methods, rates, and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM02REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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 ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the incumbent ESCO 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 transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL02

Transaction: 810 Single Bill Utility Rate Ready Invoice

Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: RRI003 – Single Bill Utility Rate Ready Invoice – Budget Billing Option Detail

Test an 810 Single Bill Utility Rate Ready Invoice initiated by the Utility

Test Objectives/Notes:

- Utility will generate and successfully transmit Single Bill Utility Rate Ready Invoice to the ESCO. Invoice will include a Budget Billing amounts.
- Utilities will execute test payment methods, rates, and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM03REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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 ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the incumbent ESCO 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 transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL03

Transaction: 810 Single Bill Utility Rate Ready Invoice

Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: RRI004 – Single Bill Utility Rate Ready Invoice – Settlement Amount for Discontinued Budget Plan

Test an 810 Single Bill Utility Rate Ready Invoice initiated by the Utility

Test Objectives/Notes:

- Utility will generate and successfully transmit Single Bill Utility Rate Ready Invoice to the ESCO. Invoice will include a settlement amount for a discontinued Budget Billing Plan.
- Utilities will execute test payment methods, rates, and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM04REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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 ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the incumbent ESCO 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 transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL04

Transaction: 810 Single Bill Utility Rate Ready Invoice

Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: RRI005 – Single Bill Utility Rate Ready Invoice – Cancel and Rebill for Incorrect Usage

Test an 810 Single Bill Utility Rate Ready Cancel Invoice and a Rebill Invoice initiated by the Utility

Test Objectives/Notes:

- Utility will generate and successfully transmit Single Bill Utility Rate Ready Cancel Invoice to the ESCO.
- Utility will generate and successfully transmit Single Bill Utility Rate Ready Rebill Invoice to the ESCO.
- Utilities will execute test payment methods, rates, and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM05REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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:

Frame: F2 **Responsible Party:** Utility

Script ID: E-UTIL05RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the incumbent ESCO 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 transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL05

Transaction: 810 Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** Utility

Script ID: U-UTIL05MU-C

Transaction: 867 Cancel Monthly Usage
Description: Utility creates and transmits cancellation of Monthly Usage to ESCO

Expected Results:

- The Utility successfully transmits the cancellation of Monthly Usage to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F6 **Responsible Party:** Utility

Script ID: IN-RRUTIL05-C

Transaction: 810 Cancel Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Cancel Single Bill Rate Ready Invoice to ESCO

Expected Results:
- The Utility successfully transmits the 810 Cancel Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F7 **Responsible Party:** Utility

Script ID: U-UTIL05MU-R

Transaction: 867 Restatement of Monthly Usage
Description: Utility creates and transmits restatement of Monthly Usage to ESCO

Expected Results:
- The Utility successfully transmits the restatement of Monthly Usage to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F8 **Responsible Party:** Utility

Script ID: IN-RRUTIL05-R

Transaction: 810 Rebill Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Rebill Single Bill Rate Ready Invoice to ESCO

Expected Results:
- The Utility successfully transmits the 810 Rebill Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: RRI006-Single Bill Utility Rate Ready Invoice – Bill Option Change from Dual to Utility

Rate Ready

Test an 810 Single Bill Utility Rate Ready Invoice initiated by the ESCO after bill option change

Test Objectives/Notes:

- ESCO will generate and successfully transmit an 814 Changing Bill Option from Dual to Utility Rate Ready.
- Utility will send off cycle 867 Monthly Usage one day prior to effective date of bill option change.
- Utility will generate and successfully transmit an 810 Single Bill Utility Rate Ready Invoice to the ESCO.
- Utilities will execute test payment methods, rates, and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM06REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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 ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO 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 transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: C-EM06REQ

Transaction: 814 Change Request

Description: ESCO submits an 814 Change Request to Utility (Change Billing Option from Dual to Utility Bill Ready). This transaction is sent AFTER the dual bill was rendered by the ESCO.

Expected Results:

- The ESCO successfully transmits the 814 Change 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: F5 **Responsible Party:** Utility

Script ID: C-UTIL06RES

Transaction: 814 Change Accept Response

Description: Utility creates and transmits 814 Change Accept Response to the ESCO.

Expected Results:

- The Utility successfully transmits the 814 Change Accept Response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F6 **Responsible Party:** Utility

Script ID: U-UTIL06MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Frame: F7 **Responsible Party:** Utility

Script ID: IN-RRUTIL06

Transaction: Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Single Bill Utility Rate Ready Invoice to ESCO.

Expected Results:

- The Utility successfully transmits the 810 Single Rate Utility Bill Ready Invoice to the ESCO.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

Actual Results:

Actual Overall Results:

Scenario ID: RRI007– Single Bill Utility Rate Ready Invoice With Invalid 867 Cross Reference Number - Pay As You Get Paid Invoice detail – Single Meter, Single Rate

Test an 810 Single Bill Utility Rate Ready Invoice initiated by the Utility and ESCO 824 Application Advice reject response

Test Objectives/Notes:

- Utility will generate and successfully transmit Single Bill Utility Rate Ready Invoice to the ESCO with invalid 867 cross reference number
- ESCO will respond with an 824 Application Advice reject response transaction

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM07REQ

Transaction: 814 Enrollment Request

- **Description:** ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL07RES

Transaction: 814 Enrollment Response

Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

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

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL07MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL07

Transaction: 810 Single Bill Utility Rate Ready Invoice

Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO with an invalid 867 cross-reference number

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice with an invalid 867 cross-reference number to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** ESCO

Script ID: IN-EM07AA

Transaction: 824 Application Advice

Description: ESCO creates and transmits 824 Application Advice reject response to the Utility

Expected Results:

- The ESCO transmits an 824 Application Advice reject response 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:

Scenario ID: RRI008– Single Bill Utility Rate Ready Invoice With Invalid Account Number - Pay As You Get Paid Invoice detail – Single Meter, Single Rate

Test an 810 Single Bill Utility Rate Ready Invoice initiated by the Utility and ESCO 824 Application Advice reject response

Test Objectives/Notes:

- Utility will generate and successfully transmit Single Bill Utility Rate Ready Invoice to the ESCO with invalid account number
- ESCO will respond with an 824 Application Advice reject response transaction

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM08REQ

Transaction: 814 Enrollment Request

- **Description:** ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL08RES

Transaction: 814 Enrollment Response

Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

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

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL08MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL08

Transaction: 810 Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice with an invalid account number to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** ESCO

Script ID: IN-EM08AA

Transaction: 824 Application Advice
Description: ESCO creates and transmits 824 Application Advice reject response to the Utility

Expected Results:

- The ESCO transmits an 824 Application Advice reject response 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:

Scenario ID: RRI009 – 568 Payment Advisement with customer payment or payment reversal information for multiple accounts and commodities - Purchase Receivables Method

Test a payment advisement transaction initiated by the Utility

Test Objectives/Notes:

- Utility will generate and successfully transmit 568 Payment Advisement transaction to the ESCO containing customer payment or payment reversal information for multiple accounts and commodities

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM09REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL09RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

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

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL09MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL09

Transaction: 810 Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** Utility

Script ID: IN-RRUTIL09PA

Transaction: 568 Payment Advisement
Description: Utility creates and transmits 568 Payment Advisement to the ESCO containing customer payment or payment reversal information for multiple accounts and commodities

Expected Results:

- The Utility successfully transmits a 568 Payment Advisement to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: RRI010 – 568 Payment Advisement cancel transaction – Purchase Receivables Method

Test a payment advisement cancel transaction initiated by the Utility

Test Objectives/Notes:

- Utility will generate and successfully transmit a 568 Payment Advisement transaction to the ESCO, then transmit a cancel 568 Payment Advisement

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM10REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL10RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

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

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL10MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL10

Transaction: 810 Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:
- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** Utility

Script ID: IN-RRUTIL10PA

Transaction: 568 Payment Advisement
Description: Utility creates and transmits 568 Payment Advisement to the ESCO

Expected Results:
- The Utility successfully transmits a 568 Payment Advisement to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F6 **Responsible Party:** Utility

Script ID: IN-RRUTIL10PAc

Transaction: 568 Payment Advisement Cancel
Description: Utility creates and transmits a cancel 568 Payment Advisement to the ESCO

Expected Results:
- The Utility successfully transmits a cancel 568 Payment Advisement to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: RRI011 – 568 Payment Advisement transaction reject response - Purchase Receivables Method

Test an ESCO reject response to an erroneous Utility payment advisement transaction

Test Objectives/Notes:

- ESCO will generate and successfully transmit an 824 Application Advice reject transaction in response to an erroneous Utility 568 Payment Advisement transaction

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM11REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL11RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

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

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL11MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL11

Transaction: 810 Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:
- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** Utility

Script ID: IN-RRUTIL11PA

Transaction: 568 Payment Advisement
Description: Utility creates and transmits an erroneous 568 Payment Advisement to the ESCO

Expected Results:
- The Utility successfully transmits an erroneous 568 Payment Advisement to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F6 **Responsible Party:** ESCO

Script ID: IN-EM11AA

Transaction: 824 Application Advice
Description: ESCO creates and transmits an 824 Application Advice transaction to the Utility in response to the erroneous 568 Payment Advisement

Expected Results:
- The ESCO successfully transmits an 824 Application Advice to the Utility.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: RRI012 – 568 Account Receivables Advisement transaction with beginning balance information - Pay-As-You-Get-Paid Method

Test an 568 Account Receivables Advisement transaction initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit a 568 Account Receivables Advisement transaction containing beginning balance information

Commodity: _____ **(Electric / Gas)**

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM12REQ

Transaction: 814 Enrollment Request

- **Description:** ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL12RES

Transaction: 814 Enrollment Response

Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

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

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL12MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL12

Transaction: 810 Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** ESCO

Script ID: IN-EM12AR

Transaction: 568 Account Receivables Advisement
Description: ESCO creates and transmits a 568 Account Receivables Advisement to the Utility containing beginning balance information
Expected Results:

- The ESCO successfully transmits a 568 Account Receivables Advisement 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:

Scenario ID: RRI013 – 568 Account Receivables Advisement transaction with credit adjustment information - Pay-As-You-Get-Paid Method

Test an 568 Account Receivables Advisement transaction initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit a 568 Account Receivables Advisement transaction containing credit adjustment information

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM13REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL13RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

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

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL13MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL13

Transaction: 810 Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** ESCO

Script ID: IN-EM13AR

Transaction: 568 Account Receivables Advisement
Description: ESCO creates and transmits a 568 Account Receivables Advisement to the Utility containing credit adjustment information
Expected Results:

- The ESCO successfully transmits a 568 Account Receivables Advisement 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:

Scenario ID: RRI014 – 568 Account Receivables Advisement transaction with debit adjustment information – Pay-As-You-Get-Paid Method

Test an 568 Account Receivables Advisement transaction initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit a 568 Account Receivables Advisement transaction containing debit adjustment information

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM14REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL14RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

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

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL14MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL14

Transaction: 810 Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** ESCO

Script ID: IN-EM14AR

Transaction: 568 Account Receivables Advisement
Description: ESCO creates and transmits a 568 Account Receivables Advisement to the Utility containing debit adjustment information
Expected Results:

- The ESCO successfully transmits a 568 Account Receivables Advisement 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:

Scenario ID: RRI015 – 568 Account Receivables Advisement cancel transaction – Pay-As-You-Get-Paid Method

Test an account receivables advisement cancel transaction initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit a 568 Account Receivables Advisement transaction to the Utility, then transmit a cancel 568 Account Receivables Advisement transaction

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM15REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL15RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

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

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL15MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL15

Transaction: 810 Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** ESCO

Script ID: IN-EM15AR

Transaction: 568 Account Receivables Advisement
Description: ESCO creates and transmits a 568 Account Receivables Advisement to the Utility
Expected Results:

- The ESCO successfully transmits a 568 Account Receivables Advisement 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:** ESCO

Script ID: IN-EM15ARc

Transaction: 568 Account Receivables Advisement
Description: ESCO creates and transmits a cancel 568 Account Receivables Advisement to the Utility
Expected Results:

- The ESCO successfully transmits a cancel 568 Account Receivables Advisement 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:

Scenario ID: RRI016 – 568 Account Receivables Advisement transaction reject response - Pay-As-You-Get-Paid Method

Test a Utility reject response to an erroneous ESCO account receivables advisement transaction

Test Objectives/Notes:

- Utility will generate and successfully transmit an 824 Application Advice reject transaction in response to an erroneous ESCO 568 Account Receivables Advisement transaction

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM16REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL16RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

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

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL16MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** Utility

Script ID: IN-RRUTIL16

Transaction: 810 Single Bill Utility Rate Ready Invoice
Description: Utility creates and transmits 810 Single Bill Rate Ready Invoice to ESCO

Expected Results:

- The Utility successfully transmits the 810 Single Bill Rate Ready Invoice to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** ESCO

Script ID: IN-EM16AR

Transaction: 568 Account Receivables Advisement
Description: ESCO creates and transmits an erroneous 568 Account Receivables Advisement to the Utility
Expected Results:

- The ESCO successfully transmits an erroneous 568 Account Receivables Advisement 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: IN-UTIL 16AA

Transaction: 824 Application Advice
Description: Utility creates and transmits an 824 Application Advice to the ESCO in response to the erroneous 568 Account Receivables Advisement

Expected Results:

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

Actual Results:

Date Completed:

Actual Overall Results:

BILL READY

Scenario ID: BRI001– Single Bill Utility Bill Ready Invoice – Single meter, Single Rate

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit 810 Single Bill Utility Bill Ready Invoice to the Utility.
- Utilities will execute test payment methods and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM01REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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 ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO 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 transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM02

Transaction: 810 Single Bill Utility Bill Ready Invoice
Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility 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: IN-UTIL01PN

Transaction: 824 Positive Notification
Description: Utility creates and transmits 824 Positive Notification Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 824 Positive Notification Accept Response to the ESCO.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI002 – Single Bill Utility Bill Ready Invoice – Metered/Unmetered Combination

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit 810 Single Bill Utility Bill Ready Invoice to the Utility. Invoice detail will include charges calculated for both metered and unmetered service.
- Utilities will execute test payment methods and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM02REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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 ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO 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 transaction with both metered and unmetered service.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM02

Transaction: 810 Single Bill Utility Bill Ready Invoice

Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility with charges calculated for both metered and unmetered service.

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility 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: IN-UTIL02PN

Transaction: 824 Positive Notification

Description: Utility creates and transmits 824 Positive Notification Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 824 Positive Notification Accept Response to the ESCO.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI003 – Single Bill Utility Bill Ready Invoice – Budget and Actual Charges

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit 810 Single Bill Utility Bill Ready Invoice to the Utility. Invoice detail will include a Budget Billing amount and Actual Charges plus the Budget Plan and Actual Charges Cumulative Balance for the Budget Plan Period and the Budget Plan Current Month Difference.
- Utilities will execute test payment methods and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM03REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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 ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO 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 transaction with both metered and unmetered service.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM03

Transaction: 810 Single Bill Utility Bill Ready Invoice

Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility with: the Budget Bill amount, the Actual Charges and the Current Month Difference for the current bill period plus the Cumulative Balance of Budget and Actual Charges to Date for the Budget Plan period**.**

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility 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: IN-UTIL03PN

Transaction: 824 Positive Notification

Description: Utility creates and transmits 824 Positive Notification Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 824 Positive Notification Accept Response to the ESCO.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI004 – Single Bill Utility Bill Ready Invoice – Account Level Charges Only

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit 810 Single Bill Utility Bill Ready Invoice to the Utility. Invoice detail will include Account Level Charges only.
- Utilities will execute test payment methods and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM04REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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 ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO 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 transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM04

Transaction: 810 Single Bill Utility Bill Ready Invoice

Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility with Account Level Charges only.

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility 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: IN-UTIL04PN

Transaction: 824 Positive Notification

Description: Utility creates and transmits 824 Positive Notification Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 824 Positive Notification Accept Response to the ESCO.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI005 – Single Bill Utility Bill Ready Invoice – Charges based on combination of kWh and Demand

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit 810 Single Bill Utility Bill Ready Invoice to the Utility. Invoice detail will include charges based on combination of kWh and Demand.
- Utilities will execute test payment methods and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM05REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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 ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO 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 transaction with kWh and Demand.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM05

Transaction: 810 Single Bill Utility Bill Ready Invoice

Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility with charges based on combination of kWh and Demand.

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility 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: IN-UTIL05PN

Transaction: 824 Positive Notification

Description: Utility creates and transmits 824 Positive Notification Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 824 Positive Notification Accept Response to the ESCO.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI006 – Single Bill Utility Bill Ready Invoice – Charges based on Unmetered Usage

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit 810 Single Bill Utility Bill Ready Invoice to the Utility. Invoice detail will include charges based on Unmetered Usage.
- Utilities will execute test payment methods and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM06REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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 ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO 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 transaction with unmetered service.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM06

Transaction: 810 Single Bill Utility Bill Ready Invoice

Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility with charges based on Unmetered Usage.

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility 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: IN-UTIL06PN

Transaction: 824 Positive Notification

Description: Utility creates and transmits 824 Positive Notification Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 824 Positive Notification Accept Response to the ESCO.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI007 – Single Bill Utility Bill Ready Invoice – Charges based on block charges and/or multiple peaks

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit 810 Single Bill Utility Bill Ready Invoice to the Utility. Invoice detail will include charges based on block charges and/or multiple peaks.
- Utilities will execute test payment methods and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM07REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL07RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL07MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM07

Transaction: 810 Single Bill Utility Bill Ready Invoice

Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility with charges based on block charges and/or multiple peaks.

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility 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: IN-UTIL07PN

Transaction: 824 Positive Notification

Description: Utility creates and transmits 824 Positive Notification Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 824 Positive Notification Accept Response to the ESCO.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI008 – Single Bill Utility Bill Ready Invoice - Cancel and Rebill for Incorrect Usage

Test an 810 Single Bill Utility Bill Ready Cancel (Adjusted) and Rebill Invoice initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit Single Bill Utility Bill Ready Rebill (adjusted) and restated charges Invoice to the Utility.
- Utilities will execute test payment methods and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM08REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL08RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL08MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM08

Transaction: 810 Single Bill Utility Bill Ready Invoice

Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** Utility

Script ID: IN-UTIL08PN

Transaction: 824 Positive Notification

Description: Utility creates and transmits 824 Positive Notification Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 824 Positive Notification Accept Response to the ESCO.
- 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: U-UTIL08MU-C

Transaction: 867 Cancel Monthly Usage
Description: Utility creates and transmits cancellation of Monthly Usage to ESCO while bill window is still open.

Expected Results:
- The Utility successfully transmits the cancellation of Monthly Usage to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F7 **Responsible Party:** Utility

Script ID: U-UTIL08MU-R

Transaction: 867 Restatement of Monthly Usage
Description: Utility creates and transmits restatement of Monthly Usage to ESCO while bill window is still open.

Expected Results:
- The Utility successfully transmits the restatement of Monthly Usage to ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F8 **Responsible Party:** ESCO

Script ID: IN-BREM08-R

Transaction: 810 Single Bill Utility Bill Ready Invoice – Restated
Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility with cancelled amount and restated charges.

Expected Results:
- The ESCO successfully transmits the 810 Single Bill Utility 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: F9 **Responsible Party:** Utility

Script ID: IN-UTIL08PN

Transaction: 824 Positive Notification
Description: Utility creates and transmits 824 Positive Notification Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 824 Positive Notification Accept Response to the ESCO.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI009 – Single Bill Utility Bill Ready Invoice - Optional Alternative Testing for Complex Rates and Metering Combinations

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO

Test Objectives/Notes:

- ESCO will generate and successfully transmit Single Bill Utility Bill Ready Invoice to the Utility.
- Utilities will execute test payment methods and meter configurations specific to their business process.

Test Alternatives (Billed Amounts): Multiple tests of this scenario may be used to test one or more invoices for complex rates and metering combinations. These tests are to be mutually agreed upon by the ESCO and Utility before test start.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM09REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL09RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL09MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM09

Transaction: 810 Single Bill Utility Bill Ready Invoice
Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility.

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility Bill Ready Invoice to ESCO.
- 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: IN-UTIL09PN

Transaction: 824 Positive Notification
Description: Utility creates and transmits 824 Positive Notification Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 824 Positive Notification Accept Response to the ESCO.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI010-Single Bill Utility Bill Ready Invoice – Interim Flag 867

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO when Interim Flag 867 is sent by the Utility

Test Objectives/Notes:

- ESCO will generate and successfully transmit an 810 Single Bill Utility Bill Ready Invoice to the Utility upon receipt of an Interim Flag 867.
- Utilities will execute test payment methods and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM10REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL10RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits an 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL10MU

Transaction: 867 Monthly Usage (Interim Flag, no actual or estimated usage)

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM10

Transaction: Single Bill Utility Bill Ready Invoice
Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility 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: IN-UTIL10PN

Transaction: 824 Positive Notification
Description: Utility creates and transmits 824 Positive Notification Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 824 Positive Notification Accept Response to the ESCO.
- A 997 transaction is received from the Utility to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI011-Single Bill Utility Bill Ready Invoice – Bill Option Change from Utility Bill Ready to Dual

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO after bill option change (Off Cycle)

Test Objectives/Notes:

- ESCO will generate and successfully transmit an 814 Change transaction, changing the ESCO bill option from Utility Bill Ready to Dual.
- Utility will send off cycle 867 Monthly Usage one day prior to effective date of bill option change.
- ESCO will generate and successfully transmit an 810 Single Bill Utility Bill Ready Invoice to the Utility on the effective date of the bill option change.
- Utilities will execute test payment methods and meter configurations specific to their business process.

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM11REQ
Transaction: 814 Enrollment Request
Description: ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL11RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** ESCO

Script ID: C-EM11REQ
Transaction: 814 Change Request

Description: ESCO submits an 814 Change Request to Utility (Change Billing Option from Utility Bill Ready to Dual Billing)

Expected Results:
- The ESCO successfully transmits the 814 Change 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: F4 **Responsible Party:** Utility

Script ID: C-UTIL11RES

Transaction: 814 Change Accept Response
Description: Utility creates and transmits 814 Change Accept Response to the ESCO

Expected Results:
- The Utility successfully transmits the 814 Change Accept Response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F5 **Responsible Party:** Utility

Script ID: U-UTIL11MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction one day prior to effective date of bill option change.

Expected Results:
- The utility successfully transmits the 867 Monthly Usage transaction to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F6 **Responsible Party:** ESCO

Script ID: IN-BREM11

Transaction: Single Bill Utility Bill Ready Invoice

Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility on the effective date of billing option change.

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility 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:

Actual Overall Results:

Scenario ID: BRI012 - Single Bill Utility Bill Ready Invoice With Invalid 867 Cross Reference Number - Single Meter, Single Rate

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO and Utility 824 Application Advice reject response

Test Objectives/Notes:

- ESCO will generate and successfully transmit an 810 Single Bill Utility Bill Ready Invoice to the Utility with an invalid 867 cross-reference number
- Utility will respond with an 824 Application Advice reject response transaction

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM12REQ

Transaction: 814 Enrollment Request

- **Description:** ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL12RES

Transaction: 814 Enrollment Response

Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL12MU
Transaction: 867 Monthly Usage
Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM12

Transaction: Single Bill Utility Bill Ready Invoice
Description: ESCO creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility with an invalid 867 cross reference number

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility Bill Ready Invoice with an invalid 867 cross-reference number 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: IN-UTIL12AA

Transaction: 824 Application Advice
Description: Utility creates and transmits 824 Application Advice reject response to the ESCO.

Expected Results:

- The Utility transmits an 824 Application Advice reject response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI013 - Single Bill Utility Bill Ready Invoice – Single Meter, Single Rate with Validation Error

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO and Utility 824 Application Advice reject response

Test Objectives/Notes:

- ESCO will generate and successfully transmit Single Bill Utility Bill Ready Invoice to the Utility with validation error
- Utility will respond with an 824 Application Advice reject response transaction

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM13REQ

Transaction: 814 Enrollment Request

- **Description:** ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL13RES

Transaction: 814 Enrollment Response

Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL13MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM13

Transaction: 810 Single Bill Utility Bill Ready Invoice
Description: Utility creates and transmits 810 Single Bill Utility Bill Ready Invoice to Utility

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility 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: IN-UTIL13AA

Transaction: 824 Application Advice
Description: Utility creates and transmits 824 Application Advice reject response to the ESCO.

Expected Results:

- The Utility transmits an 824 Application Advice reject response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results:

Scenario ID: BRI014 - Single Bill Utility Bill Ready Invoice – Missed Bill Window

Test an 810 Single Bill Utility Bill Ready Invoice initiated by the ESCO outside the bill window, and the Utility 824 Application Advice reject response

Test Objectives/Notes:

- ESCO will generate and successfully transmit Single Bill Utility Bill Ready Invoice to the Utility outside the bill window period
- Utility will respond with the appropriate 824 Application Advice reject response transaction

Commodity: _____ (Electric / Gas)

Account #: _____ **Account #:** _____

Account #: _____ **Account #:** _____

Frame: F1 **Responsible Party:** ESCO

Script ID: E-EM14REQ
Transaction: 814 Enrollment Request

- **Description:** ESCO submits an 814 Enrollment Request to Utility

Expected Results:

- The ESCO 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-UTIL14RES

Transaction: 814 Enrollment Response
Description: Utility creates and transmits 814 Enrollment Accept Response to the ESCO

Expected Results:

- The Utility successfully transmits the 814 Enrollment Response to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Frame: F3 **Responsible Party:** Utility

Script ID: U-UTIL14MU

Transaction: 867 Monthly Usage

Description: Utility creates and sends 867 Monthly Usage transaction.

Expected Results:

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

Actual Results:

Date Completed:

Frame: F4 **Responsible Party:** ESCO

Script ID: IN-BREM14

Transaction: 810 Single Bill Utility Bill Ready Invoice

Description: ESCO creates and transmits 810 Bill Ready Invoice to Utility outside the bill window for an account

Expected Results:

- The ESCO successfully transmits the 810 Single Bill Utility 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: IN-UTIL14AA

Transaction: 824 Application Advice

Description: Utility creates and transmits 824 Application Advice reject response to the ESCO.

Expected Results:

- The Utility transmits a reject response via an 824 Application Advice to the ESCO.
- A 997 transaction is received from the ESCO to acknowledge receipt of the valid X12 transaction.

Actual Results:

Date Completed:

Actual Overall Results: