

Phase III Transaction Set Testing

The purpose of this site is to familiarize ESCOs and Marketers (collectively, “ESCO/Marketers” or “E/Ms”) with Con Edison’s approach towards Electronic Data Interchange (“EDI”) testing in the Retail Choice marketplace.

Con Edison will commence Phase III testing within 45 days of the receipt of all of the following requirements:

PSC Eligibility Letter
Connectivity profile
Operating Agreement (electric), SC20 Application (gas)
Statement of EDI Readiness

All other requirements can be found in either the [Become an Electric ESCO](#) or [Become a Gas Marketer](#) sections of ESCO/Marketer Central, and may be met before the move to production.

Within this standard time frame, Con Edison reserves the right to schedule testing, based on experience and resources.

Scope of Enrollment and Usage Testing

Con Edison’s Enrollment and Usage testing is based on the NY State EDI Collaborative Technical Operating Profile (“TOP”), version 1.0 dated July 20, 2001, and its Supplements.

These documents identify the following business processes as the initial target in EDI transaction testing:

Con Edison’s Approach

Once connectivity testing is complete, and approximately one week before Phase III is due to commence, Con Edison will provide a test plan to the E/M for all transaction types. The test plan will include account numbers and descriptions of request details and response outcomes. The account numbers provided are fictitious and applicable for testing within Con Edison’s Retail Choice test environment only. The expected results for each transaction may vary dependent on the account statuses in Con Edison’s test environment. This is acceptable as the goal of Phase III testing is to demonstrate the successful communication of transaction types, not necessarily, for example, to enroll specific accounts in our test environment.

It is understood that E/Ms have reviewed Con Edison’s Supplemental Guidelines (found in EDI Central) for each transaction type to be tested. The documents provide information relevant to Con Edison data and processes. The documents will include descriptions of Con Edison’s handling of conditional and optional data elements, as outlined in the corresponding NY State EDI Implementation Guides.

The Structure of the Tests

Con Edison’s test cases and account numbers are organized into Stages. These test Stages coincide with the structure outlined in Collaborative’s TOP for Enrollment and Usage testing. Both electric and gas, as appropriate, will be tested in each Stage concurrently. The test Stages and their associated EDI transactions are:

Core Transactions		
Stage 1		
Historical Usage Request, and Response	814 867	Transaction designed for the E/M to request customer historical usage information
Stage 2		
Enrollment Request, and Response; Enrollment Request with secondary Request for Historical Usage, and Response	814 867	Transaction designed for the E/M to enroll a customer to service with a particular E/M. The secondary request is a transaction providing E/M with customer historical usage information.
Stage 3		
Current Monthly Usage data	867	Transaction simulating monthly customer usage data the E/M will receive once in production
Stage 4		
Utility Drop Request, E/M Response	814	Transaction for the Utility to de-enroll a customer from service with a particular E/M
Stage 5		
E/M Drop Request, Utility Response	814	Transaction for the E/M to de-enroll a customer from their service
Change Transactions		
Stage 1-1C		
Utility Account Attribute Change Requests, E/M Response	814	Transaction for the Utility to inform the E/M of account attribute changes
Stage 1-2C		
E/M Account Attribute Change Request, Utility Response	814	Transaction for the E/M to inform the Utility of account attribute changes
Stage 1-3C		
Utility Meter Information Change Request, E/M Response	814	Transaction for the Utility to inform the E/M of meter information changes
Stage 1-4C		
E/M Billing Option and Rate Change Request, Utility Response	814	Transaction for the E/M to request billing option and rate changes - applicable when the E/M will participate in the Consolidated Utility Billing System (CUBS).
Reinstatement transaction		
Stage 1-1R		
Utility Reinstatement Request, E/M Response	814	Transaction for the Utility to inform the E/M that a pending de-enrollment has been cancelled, and the customer's enrollment with the E/M will be reinstated.

At Con Edison, testing will be conducted in the Stage sequence outlined above. The E/M may not test more than one Stage concurrently, unless suggest by Con Edison. Both the E/M and Con Edison must approve the results of each testing Stage prior to proceeding to the next testing Stage. The E/M must complete all Test Stages and Batches prior to going live.

Both the E/M and Con Edison must sign-off at testing conclusion indicating that each party has satisfied all test requirements and confirming that the E/M can move into EDI production.

Con Edison reserves the right

To change the number of test Stages or Batches at any time.

To request the E/M to submit more than one Stage in a processing day, if testing is progressing well.

Con Edison adheres to the EDI Enveloping Rules outlined on page 21 of the TOP

“One data file will be transmitted in an HTTP session.”

“Only one ISA (envelope) may be transmitted in a data file.”

“Only one functional group (GS) will be used within an envelope (ISA).”

“Multiple transactions (ST) of the same type will be allowed within functional group (GS).”

Timing

For Phase III testing, Con Edison expects each testing Stage, as described above, to be completed within 2 business days from Stage kickoff. If a testing Stage is not completed within 4 days of Stage kickoff due to E/M processing limitations, Con Edison reserves the right to drop the E/M from testing. The dropped E/M will roll back into the test queue.

Each E/M will have up to four weeks to complete Enrollment and Usage testing with Con Edison. If the E/M does not complete Enrollment and Usage testing within four weeks of Enrollment and Usage testing kickoff, Con Edison reserves the right to drop the E/M from testing.