

Phase I Connectivity Testing

Overview

A connectivity test is required to verify system configuration and network connectivity between Con Edison and its Trading Partners.

Configuration

- The exchange of connectivity information, usernames, passwords, and PGP Keys.
- Both Con Edison and the Trading Partner will establish the other's connectivity profile in their respective Test (Phase III) and Production environments.

Test

The Trading Partner will send test 997 files to Con Edison's Test (Phase III) and Production environments. The test files will be echoed back via the GISB protocol (in a new session) to the URL specified in the partner profile. A GISB response will be sent by the Trading Partner to Con Edison to acknowledge receipt. Con Edison will be able to verify the contents of the response.

Both the ISA and GS Qualifiers and Sender/Receiver Ids will be reversed from the 997 Con Edison receives to the one that Con Edison returns. All other parts of the file will be in the format of exactly how it was sent.

- Con Edison is not testing de-enveloping. We are strictly testing connectivity and PGP encryption/decryption.
- If the Trading Partner is testing de-enveloping on the file that is returned by Con Edison, then the file contents sent to Con Edison should be in the format the Trading Partner's system would expect to receive.

Header of test 997 from Trading Partner to Con Edison

```
ISA*00*      *00*      *TP ISA Qualifier*TP ISA ID*  *ZZ*006982359*  *070615*2017*U*00401*000000841*0*P*>~  
GS*RA*TP GS ID*RADEX*20070615*2017*780*X*004010~
```

Header of test 997 from Trading Partner to Con Edison

```
ISA*00*      *00*      *ZZ*006982359  *TP ISA Qualifier*TP ISA ID  *070615*2017*U*00401*000000841*0*P*>~  
GS*RA*RADEX*TP GS ID*20070615*2017*780*X*004010~
```

Testing Completion

The Trading Partner should send the files received back via email to the testing coordinator so the files can be validated.