conEdison

Overview

A connectivity test is required to verify system configuration and network connectivity between Con Edison and a Distributed Energy Resource Supplier.

Configuration

- The exchange of connectivity information, usernames, passwords, and PGP Keys.

- Both Con Edison and the Distributed Energy Resource Supplier will establish the other's connectivity profile in their respective Test (Phase III) and Production environments.

Test

The Distributed Energy Resource Supplier 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 Distributed Energy Resource Supplier 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 identifications 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 Distributed Energy Resource Supplier 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 Distributed Energy Resource Supplier's system would expect to receive.

Header of test 997 from Distributed Energy Resource Supplier 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 Distributed Energy Resource Supplier 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 Distributed Energy Resource Supplier should send the files received back via email to the testing coordinator so the files can be validated.