

## Phase III Transaction Set Testing

The purpose of this site is to familiarize Distributed Energy Resource Suppliers (“DERS”) with Orange and Rockland Utilities’ approach towards Electronic Data Interchange (“EDI”) testing.

Orange and Rockland Utilities will commence Phase III testing within 45 days of the receipt and/or completion of all of the following requirements:

**Registration Form & Connectivity Profile**  
**PSC Eligibility Letter (if applicable)**  
**Data Security Agreement**  
**Statement of EDI Readiness**

*All other requirements can be found in **How to Become Electronic Data Interchange Certified DERS**, and may be met before the move to production.*

Within this standard time frame, Orange and Rockland Utilities reserves the right to schedule testing, based on experience and resources.

### Scope of Testing

Orange and Rockland Utilities’ 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:

### Orange and Rockland Utilities’ Approach

Once connectivity testing is complete, and approximately one week before Phase III is due to commence, Orange and Rockland Utilities will provide a test plan to the DERS 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 Orange and Rockland Utilities’ test environment only. The expected results for each transaction may vary dependent on the account statuses in Orange and Rockland Utilities’ test environment. This is acceptable as the goal of Phase III testing is to demonstrate the successful communication of transaction types.

It is understood that DERS have reviewed Orange and Rockland Utilities’ Supplemental Guidelines for each transaction type to be tested. The documents provide information relevant to Orange and Rockland Utilities data and processes. The documents will include descriptions of Orange and Rockland Utilities’ handling of conditional and optional data elements, as outlined in the corresponding NY State EDI Implementation Guides.

### The Structure of the Tests

Orange and Rockland Utilities’ 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:



<b>Core Transaction</b>		
Historical Usage Request, and Response	814 867	Transaction designed for the DERS to request customer historical usage

Both the DERS and Orange and Rockland Utilities must sign-off at testing conclusion indicating that each party has satisfied all test requirements.

Orange and Rockland Utilities reserves the right To change the number of test at any time.

**Orange and Rockland Utilities 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, Orange and Rockland Utilities expects each testing Stage, as described above, to be completed within 2 business days from kickoff. If testing is not completed within 4 days of kickoff due to DERS processing limitations, Orange and Rockland Utilities reserves the right to drop the DERS from testing. The dropped DERS will roll back into the test queue.

Each DERS will have up to four weeks to complete testing with Con Edison. If the DERS does not complete testing within four weeks of testing kickoff, Orange and Rockland Utilities reserves the right to drop the DERS from testing.

