

Web-Based Reconciliation FRS Meeting

April 30, 2002

Conference Room C/D, 3890 Carman Road, Schenectady, NY

Objective: Provide Market Participants with the ability to make real time changes to tie line data without requiring NYISO staff involvement to accomplish it

Information Transmission/Retrieval

- The system shall use the MIS upload/download facility with templates specific to this information
- The system shall allow uploads from users at any time but at a set point prior to each billing run, a database snapshot will be taken and used for billing – this snapshot will be included in the billing information
- The system shall accept uploads with the following ranges:
 - One to many PTIDs
 - One hour to one day's number of hours
- The system shall produce downloads with the following ranges:
 - One to many subzones, constrained by security (see security section for more detail)
 - One day per download
 - Multiple day downloads can be automated by users through existing processes in MIS (upload headers for download)

Information Viewing/Modification

All information viewing and modification requirements are constrained by security requirements

- The system shall constrain metering data and subzone data by the metering and subzone data a given user is allowed to see
- The system shall provide generator and tie line information by subzone
- The system shall allow users to query data by:
 - subzone
 - ~~region~~
 - start hour and day
 - end hour and day
 - start modification time
 - end modification timeand present data that meets the query conditions
- Start hour and date shall be based on local time
- The system shall provide the following information on a web page and in a downloadable file in CSV format with a .csv extension:
 - PTID, PTS value, TO value, day, hour, modification timestamp, metering authority, flag indicating whether TO value is supplied by TO or PTS
 - If there is no TO value present, the system shall provide the PTS value in its place

- The metering authority data may be presented as a number or a name (to be determined)
- The data shall be presented as one hour per row in the downloadable file
- The ability to query by modification timestamp may be delivered as a future enhancement if the implementation of this feature would significantly delay implementation of this requirement
- The system shall allow users to view and modify the TO value on a web page, subject to the authority granted to the user

Security Requirements

- The system shall permit only authorized metering authority staff and NYISO staff to update tie line data
- The system shall record when the update occurred and who updated tie line data by user ID
- The system shall constrain viewing of data by the PTIDs a given user is permitted to see
- The system shall use the metering authority table to provide security constraint information
- The system shall constrain viewing of generator versus load view of the data – this requirement must be examined in more detail

The Metering Data Working Group may examine the structure of the metering authority table to provide a different level of security than currently exists

Want/Wish List

Any number of these items (including none) may be included in the initial release of the system depending on their impact on the delivery schedule

- The system shall reduce security constraints to allow generators to see other generators (George I need the list)
- The system shall receive load bus information in the upload
- The system shall calculate subzonal load information on demand
- The system shall calculate LSE load bus loads on demand

Unresolved Issue

- When TO's upload their Gen's and Tie data how long of a lag, if any, will their be between when the upload is submitted and when the data is updated on the web?