



Building The Energy Markets of Tomorrow . . . Today

Readiness Preparations

Tech. Conference #1
March 21, 2005
Art Desell



Discussion Points

- **Training**
- **Technical Conferences**
- **Market Trial Exercises**
- **Schedule**
- **Miscellaneous**

Training

- **Schedule**
 - ✓ *Commence late May to early June*
 - ✓ *Continues through late August*
- **Training materials currently being developed**
- **NYISO Staff will be trained first**
 - ✓ *To enable Customer Relations staff to:*
 - **Answer MP questions**
 - **Assist MPs during Market Trials**

Technical Conferences

- **Envision two additional conferences**
 - ✓ *Prior to the first market trial*
 - **Provide a Market Exercise Guide**
 - Detailed description of specific activities to be covered during each market trial
 - NYISO's role
 - MP roles – what to expect
 - Detailed description of the verification testing exercise

Technical Conferences - continued

✓ *Prior to deployment*

- **Provide a Deployment Guide**
 - Detailed plan of deployment process
 - Key dates and activities
 - NYISO's role
 - MP roles – what to expect
- **Provide results of the verification testing exercise**
 - Including involvement of NYISO Internal Audit



Market Trial Exercises

- **Market Trial #1 – Sandbox**

- ✓ *Primary Goal – authentication and authorization*

- **Authentication**

- Obtain digital certificate
 - Install digital certificate into browser
 - Verify cookies are enabled in browser
 - Identify MIS MP administrator account to be used for testing
 - Identify MIS user account that will be used for testing
 - » Change password
 - » Verify that user is 'ICAP Active'

Market Trial Exercises - continued

- **Market Trial #1 – Sandbox**
 - ✓ *Primary Goal – authentication and authorization*
 - **Authorization**
 - MP administrator should set proper user level ICAP privileges for user account
 - ✓ *Exercises*
 - **Test access through browser based User Interface**
 - User should expect to be able to move beyond login screen and see correct menus

Market Trial Exercises - continued

- **Market Trial #1 – Sandbox**

- ✓ *Exercises - continued*

- **Test access through Upload/download interface**
 - Test upload and download – ensure that user has access to all templates they may wish to use

Market Trial Exercises - continued

▪ Market Trial #2 – Monthly Activities

✓ *Goals*

- Verify that each User has access to all screens to which authorization has been granted by its administrator
- Verify that each User can enter the required information on the Maintain screens
- Verify that each User agrees that the information provided on the View screen(s) is consistent with the information input on the Maintain screen(s)
- Verify upload/download results, for Users interested in this functionality

Market Trial Exercises - continued

- **Market Trial #2 – Monthly Activities**

- ✓ *Activities to be performed*

- **NYISO prepares database for Market Trial**
 - **NYISO posts monthly calendar events**
 - MPs view calendar
 - **NYISO Staff inputs NYCA and Locational ICAP Requirements**
 - Requirements posted by NYISO
 - MPs view requirements
 - **TOs submit load forecast and initial load-shift data for upcoming month**
 - **LSEs view load-shift information**
 - **TOs and LSEs download load-shift information**

Market Trial Exercises - continued

- **Market Trial #2 – Monthly Activities**

- ✓ *Activities to be performed - Continued*

- **Open bid/offer period for monthly auction based on calendar event**
 - Bid/offer period closes based on calendar event
 - MPs submit bids/offers
 - MPs view submitted information
 - **NYISO conducts monthly auction**
 - NYISO posts auction results
 - MPs view auction results

Market Trial Exercises - continued

- **Market Trial #2 – Monthly Activities**

- ✓ *Activities to be performed - Continued*

- **MPs provide certification**

- MPs provide certification for month
 - Certification window closes based on event calendar
 - NYISO will supplement data to confirm transactions of non-participation by some MPs
 - MPs view position for Spot Market – requirements met and deficiencies
 - MPs download certification information

Market Trial Exercises - continued

- **Market Trial #2 – Monthly Activities**

- ✓ *Activities to be performed - Continued*

- **Spot Market offer period opens based on calendar event**
 - MPs with excess capacity submit offers
 - Window for offer period closes based on calendar event
 - NYISO conducts Spot Market Auction
 - NYISO posts results based on calendar event
 - MPs view auction results, awards, excess capacity awarded

Market Trial Exercises - continued

- **Market Trial #2 – Monthly Activities**

- ✓ *Activities to be performed - Continued*

- **Billing**

- MPs view billing details

- » Auction results

- » Excesses awarded

- » Load-shift and load-shift true-up information

- » Rebates, if any

- » Manual adjustments, if any

Market Trial Exercises - continued

- **Market Trial #3 – Monthly Activities**
 - ✓ *Follows same pattern as Market Trial #2*
 - ✓ *MPs should participate in each Market Trial to ensure that all functionality is available to them and this functionality meets their minimum requirements*

Miscellaneous

- **Link to ICAP Automation Market Web Page**
 - ✓ *http://www.nyiso.com/markets/ucap_market_automation_project/ucap.html*
- **Send all questions to your Customer Relations representative**
 - ✓ *Hardcopy of Customer Relations representatives provided in meeting materials*
 - ✓ *Or email questions to:*
 - **Market_relations@nyiso.com**
 - ✓ *Or telephone NYISO's Customer Relations Help Desk at (518) 356-6060*

Miscellaneous - continued

- **All questions will be tracked by Customer Relations**
 - ✓ *Sorted into two categories:*
 - **Software Functionality**
 - **General Process**
 - ✓ *Attempt to keep questions generic*
 - ✓ *All questions (scrubbed of confidential information) will be shared with all MPs*
 - ✓ *An individual response will be provided from Customer Relations to the party submitting the question(s)*