NYISO SMD2 Market Exercises
Reported Market Participant Open Issues Summary
Updated 11/03/2004

Num	Date First Received	Issue Type	Issue	Resolution/Explanation	Issue Status
120.	10/12/2004 Exercise #7	Bidding	MP is attempting to submit a Self Committed Fixed DAM bid for a generator and keeps getting a validation failed error. The error message returned is "Minimum Generation Cost is required in Self Committed DAM" bid. However, the Min Gen Cost field is a grayed out (disabled) in the web form when the self-committed fixed commitment type is selected. Contradictory validation rule encountered during Gen bidding: 10/12/2004 03:11:12 PM - Minimum Generation Cost is required in Self-Committed DAM bid. This differs from a validation message returned at a previous market trials: 07/19/2004 02:05:11 PM - Self Committed DAM bid cannot have Minimum Generation Cost The two messages are contradictory. MP was only able to successfully validate the bid after including Min Gen costs in U/D bid submittal.	The "10/12/2004 03:11:12 PM - Minimum Generation Cost is required in Self-Committed DAM bid." validation rule is correct. The Web form for generator bidding has been modified to accept a min gen cost, has passed QA testing, and has been deployed to SMD production. MP has provided bids that will be entered into SMD2 production environment to validate web form modification. Bids will be used in 11/05/04 SCUC & RTS test runs to validate RTC postings.	Open Issue
138.	10/21/2004 Exercise #7	Bidding	1. Bid unit ISO flexible with Null SU costs. Bid validated. This appears to violate validation rule 13519. 2. Bid unit Self-fixed with SU and Min Gen $X. Bid validated. This appears to violate validation rules 13515 and 13520. Rule 13514 contradicts rule 13515. 3. If these violations are correct this underscores the fact a test environment should be open to market participants up to market open for development and testing of user systems as well as NYISO systems.	The current SMD2 MIS rules are: 1. For SU costs: a) will accept values from $0 to 99,999.99 b) if the field is left null, it reverts to the start-up cost curve c) if bid is at $0 or above, bid would override the start-up cost curve. 2. Self-fixed can have start-up and min gen costs. Bid messages updated to clarify validation rules. 13514 updated, 13515 completely different, 13519, 13520 removed. Will post messages to SMD2 Transition page. 3. Market Participants will have the opportunity to submit bids into the SMD2 environment during the parallel operation phase of deployment.	Pending-Closed

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153.	11/02/2004 Go Live	Bidding	MP concerned that once you are logged into the MIS there is no indication of whether you are in Legacy or SMD2 systems. This primarily affects those doing transactions - generators have far more changes that would make the system in use more "evident". Also, gens are more apt to be using upload features. Is it possible that SMD2 MIS web pages each include an icon/banner/whatever that would serve as a reminder of the system one is using?	There will be distinctive coloring differences between the Legacy and SMD2 web page environments; Red for Legacy and Gold for SMD2. Legacy Web Page Header SMD2 Web Page Header 	Pending-Closed
141.	10/26/2004 Exercise #7	Billing	MP concerned that the zonal LBMP calculation changes under SMD-2 may result in TCC revenue inadequacy even though lines are in service and transmission capacity has not been derated. The MP requests that the SMD2 Market Trials bills be reviewed in order to ensure TCC revenue adequacy. While market trials will in no way indicate the exact magnitude of the problem simply because it's a very small sample of what system configuration, dispatch, load levels, and load bus weights could be, it may offer some insight on the potential level of shortfall.	Issue will be discussed at the 11/04/04 MSWG meeting.	Open Issue

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145.	10/27/2004 Exercise 6-7	Billing	MP is concerned with changes in Ancillary Services MWhrs between production day (6/17/04) and Market Exercise day (10/14/04).	Load did change from the 6/17 rebill but this is an artifact of the market trial process. (1) Real-time operations for the simulated dates, 9/28 and 10/14, did not mimic that on 6/17 so we should expect differences in real-time loads. (2) Each of the market trials days were run as initial bills in which subzonal loads were calculated using PTS data and bus load data was calculated by allocating subzonal loads using bus forecast bids; and (3) in the case of the zone in question, no zone data was submitted by the customer and, therefore, there is severely anomalous data for H, I and J (H, I have no loads; J has artificially high loads). We do not believe that any conclusions can be drawn regarding changes in any particular LSE's loads from these market trials.	Pending-Closed
144.	10/27/2004 Exercise 6-7	Commitment Billing	Please explain why generators were not dispatched in Market Exercises 6 & 7 for hours 9 & 10. The units were accepted for Reserves in the DAM market but when the RT Energy price was over their bid price, they were neither dispatched nor received Lost opportunity payments.	The units' RTC energy bids were rejected because they were uneconomic compared to the RTC prices. Their RTC reserve bids were not summarily rejected, and the units were scheduled for 30 min non-synch. However, reserve decisions made in RTC are not binding into RTD, so these schedules didn't get carried forward into RTD. RTD couldn't dispatch the units in real-time because they had not been committed in RTC. They were not scheduled for 30min non-synch in RTD because they were not needed. Under SMD2 there is explicit settlement of LOC for Reserves. Reserves (and regulation) are now two settlement markets. A unit with a DAM commitment with a rejected RT bid will be subject to balancing reserves and regulation MW's. For example, one unit did have -1.5 MW's in balancing reserves MW's per RTD interval for HB09 @ an MCP of 0$. The unit sold the XX MW's in the DAM at $0.X5/MW and bought it back at $0/MW in RT.	Pending-Closed

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146.	10/28/2004 Go Live	Commitment	What point in the parallel bids do MPs need to see e-tags and transmission reservations from other control areas?	E-tags and transmission reservations need only be considered for bids identified as binding, i.e. legacy only prior to the deployment of SMD2, and legacy (in the event of Fall-back) and SMD2 during the post deployment parallel operation phase.	Pending-Closed
150.	10/28/2004 Go Live	Commitment	MP requests a discussion of how tags will work in the transition to SMD2. For SMD2 bids up to12-1 it would seem that NO Oasis reservations or Tags would be needed as this is not the real system. However, we have NOT been told that. If there is a need to generate tags for SMD2 prior to 12-1 and for the legacy system post 12-1, we need to be sure there are no conflicts with OATI etc. or having tags getting crisscrossed between the two systems.	E-tags and transmission reservations need only be considered for bids identified as binding, i.e. legacy only prior to the deployment of SMD2, and legacy (in the event of a Fall-back) and SMD2 during the post deployment parallel operation phase. There should be no conflicts with respect to Tags since only one system will produce schedules and checkout.	Pending-Closed
143.	10/27/2004 Exercise #6	Data	MP requesting NYISO to issue a Technical Bulletin on loss calculations. To add detail to the new process for removing Losses estimates from the Load Forecast and using the Load Flow to calculate losses	A White Paper will be distributed and discussed at the 11/4 MSWG meeting. A Technical Bulletin will be published based upon the White Paper and comments received during the discussion.	Open Issue

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154.	11/01/2004 Go Live	Data	The Transmission Owners believe there are at least four data major process involved with billing. 1. SCADA which drive PTS 2. PTS 3. the logged MWh energy measurements for subzone ties and generators 4. The TOL files whereby TO's submit actual LSE load requirements It is not clear to the Transmission how there processes were tested during the bid-to-bill market trials. We think the SCADA is new as part of the new ABB EMS. We know PTS is a crucial part of billing and PTS gets data from SCADA. We don't think item #3 and item #4 change as a result of SMD-2, although we do know how or if SMD-2 billing will change how it interacts with item #3 and item #4.	Issue will be discussed at the 11/04/04 MSWG meeting.	Open Issue
155.	11/02/2004 Go Live	Data	1) What does the CURRENT_ADVISORY_SCHEDULE_FLAG on the Generator Schedule Download Template do? a) If it's "N" does that limit the response to show only units with a binding commitment. b) If this is "N" then that means the schedule is not advisory, i.e. the unit will operate? 2) If a 30 minute GT is to start at the top of the hour, say 1300 hrs, then at the 1230 RTS solution will show the unit scheduled for energy. What is the actual timing of the 1230 RTS solution? When are the results available to be downloaded via the download template? Is it between 1230 and 1245, or between 1215 and 1230?	Response to MP question being compiled.	Open Issue

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140.	10/26/2004 Go Live	Data	1. When will the GEN_PTS query will be available for SMD 2.0? 2. Will there be any changes to the query format?	1. The template will be available upon deployment of SMD2. 2. There are no changes to the template.	Pending-Closed
142.	10/27/2004 Exercise #6	Data	MP requesting the data from the simulation ME #6 on loss calculations in the bid load and forecast load passes.	SCUC losses for the forecast pass and bid pass are posted on the SMD2 Transition page under Market Exercise 6 results.	Pending-Closed
148	10/28/2004 Exercise #6	Data	As part of the MT6 review MP requested by zone, by hour the PCLB and VLB volumes and the amounts accepted by zone by hour for both the actual day (6-17) and for the simulation (on 9-28).	PCLB and VB volumes by hour by zone have been posted to the SMD2 Transition page under Market Exercise 6 results.	Pending-Closed
149.	10/28/2004 Exercise 1-3	Data	MP requesting OASIS data from Market Exercises 1-3 on CD.	OASIS data from Market Exercises 1 - 7 has been collected and is available on CD upon request.	Pending-Closed
147.	10/28/2004 Go Live	Data	MP requests posting of SCUC Load Flow losses on a routine basis separately from the ISO's Load Forecast by zone. This should also be posted for the bid load as well. For NYC, it would be helpful if we knew how much of the losses moved from the 345kV into the various 138kV load pockets.	To be considered as a post deployment enhancement.	Post Deployment issue
152.	10/28/2004 Market Exercises	Prices	Day-Ahead prices for some buses, e.g., RAVENSWOOD___1, WATERSIDE___6 8 9, NYPA_VERNON_____GT2, and RAVENSWOOD_GT_1, show uncharacteristically low prices relative to similar 138 kV buses during four of the market trials. What is the cause?	LECG verified prices and schedules.	Open Issue

Color code: Red – open issue
Blue – New issue added since last posting
Green – New information / resolutions added since last posting