NYISO SMD2 Market Exercises
Reported Market Participant Issues Summary
Updated 10/28/04

Num	Date First Received	Issue Type	Issue	Resolution/Explanation	Issue Status
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. 3. Market Participants will have the opportunity to submit bids into the SMD2 environment during the parallel operation phase of deployment.	Open Issue
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.		Open Issue
145.	10/27/2004 Exercise 6-7	Billing	MP is seeing relatively large changes in Ancillary Service MWhrs in Market Trial 6. MP understands this could be due to the change in the loss calculation but in Market trial 7 the increase is even larger and MP is perplexed that the change is not uniform hour to hour on a percentage basis. The total Ancillary Service MWhrs in Trial 7 is only .30396 % different than MP's mload, is the NYISO also solving for Distribution Losses?		Open Issue
052.	07/30/2004 Exercise 3	Commitment	A MP's calculations show that a generator was economic for hour 9 though hour 21. The MP's interpretation of the commitment notification is that for some reason SCUC did not commit the unit for any hours.	The unit was not committed based upon least-cost-production-cost. The SCUC solution is being reviewed by Market Operations for confirmation.	Open issue under review

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080.	08/19/2004 Exercise 5	Commitment Data	1) In the 45th minute increment of the 0 hour in RTC, the MP's unit was scheduled below its min gen and self committed fixed bid MW. 2) In the 11:18 period in RTC basepoint data history from 8/6/04 was posted and no current day advisory basepoint data was available. This condition lasted until 11:34.	1) The unit was scheduled for XX.5 MW in the HAM for one of the 15 minute increments - RTD dispatched the unit to its self committed fixed bid MW in RT. NYISO is reviewing the RTC data. 2) We were experiencing RTC basepoint posting problems at this time.	Open issue under review
090.	08/31/2004 Exercise 5	Commitment	My issue with scheduling on the 19th is in the HAM market for the 00:00 hour. The 45th minute has a MW schedule which is below the unit's min gen. How this can happen.	The bids for HB 00:00 were all ISO Committed Fixed which were accepted in the DAM, and then converted to Self-Committed Fixed HAM bids with the DAM schedule as the Self Commit MW's. This all worked appropriately. RTC produced a MW schedule for one of the quarter hours below the unit's min gen. This appears to be an incorrect schedule from RTC. NYISO is reviewing the RTC data.	Open issue under review
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.		Open Issue
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?		Open Issue
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.		Open Issue
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?		Open Issue

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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.		Open Issue
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		Open Issue
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.		Open Issue
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).		Open Issue
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 will be available on CD week of 11-1.	Open Issue
031.	07/01/2004 Exercise 2	Bidding	MP receiving error message when submitting ISO committed fixed bid type for unit. Error message contained "VALIDATION FAILED","Generator not DAM Dispatchable Energy Bid Qualified."	The ISO Committed Fixed construct is evaluated the same as the ISO Committed Flexible in the DAM (except for the lack of reserve availability MW's). What this means is that the construct expects a min gen that is different than their UOLn. What dispatchable means with regard to bids is that the min gen MW and UOL are not equal. It is necessary to set the qualified to bid flag for Dispatch energy equal to Y for units bidding as ISO Committed Fixed in the DAM.	Issue requires discussion at the Market Structures Working Group. Results are consistent with current SMD2 rules.

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050.	07/30/2004 Exercise 3	Bidding	There needs to be some way for units that cannot effectively provide a reserve category to be eliminated from that market. If the software is going to require that a market participant enter some type of bid in the 30 minute non-sync reserve category, thereby indicating availability to provide the reserve, then the software also needs to check the other unit characteristics and eliminate units whose characteristics are incompatible with providing the service.	This is not a software restriction, the organization responsible for the generator just needs to get the categories properly initialized. An opportunity was provided to modify unit parameters on August 6 as noted above in #47. In addition, MPs need to contact their Customer Representative to modify their generator parameters in the current production system if they are inconsistent with the unit's capabilities. Prior to "Go Live" deployment the current production system parameters will be loaded into the SMD2 tables. Alternatively, MP could bid in the day-ahead market as either a fixed output unit or with a high non-synch reserve costs to preclude commitments in this manner.	Issue requires discussion at the Market Structures Working Group. Results are consistent with current SMD2 rules.
091.	09/01/2004 Exercise 5	Bidding	Currently in the market trial exercises we have been prohibited from modifying unit commitment parameters for the next day if we have an accepted bid in the current day. Is this a function of the NYISO's performance of its own testing during market trials, or is this an actual design limitation of SMD2?	1. The Market Services Tariff indicates not all DAM accepted schedules can be changed in the HAM. The tariff prohibits ISO committed flexible and self committed flexible from switching to any other bid types in the HAM, unless there is a RT issue where the unit could not bid in appropriately. (Page 138) 2. To be eligible to participate in the reserves markets a unit must be ISO committed flexible or self committed flexible. (Rate Schedule 4, page 64) 3. The program logic will not allow a unit to have conflicting parameters from the accepted DAM bid to HAM bid.	Issue requires discussion at the Market Structures Working Group. Results are consistent with current SMD2 rules.

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045. 046. 047. 048. 049.	07/29/2004 Exercise 3	Commitment	Issues 45-49 have been combined into issue #45 1) There appears to be an anomalous result in Market Trials #3. The bidding parameters for a generator included an 8 hour minimum run time and a single shutdown for the day. The unit received a schedule commitment in the third market trial that violates the bidding parameters in at least two respects. First, the unit is run for 3 different sets of hours for the day thereby violating the unit's maximum number of shutdowns. Second, the first commitment is for a single hour (4), the second is for seven hours (9-15), and the final commitment is for four hours (18-21). Each of these commitments violates the unit's minimum run time. 2) The treatment you are describing in SCUC seems to be inconsistent with the unit's bids and my understanding of the real-time market rules. 3) A unit bid in the DAM $0 for 30 minute non-sync reserves because it was told that they could not enter a null bid for the reserve category. Clearly there needs to be some way of indicating the unit is not available to provide this type of reserve due to the unit operating parameters. 4) The real-time market will only honor a one hour or shorter minimum run time. However since the unit indicated it had an 8 hour minimum run time in it's bid, the only fair implementation if you decide to turn the unit on for reserves is to guarantee its costs for its full 8 hour minimum run time. 5) As noted in #4 above, the commitment is also troubling because the unit operating parameters require four hours minimum notification for startup. Clearly that is not consistent with being a 30 minute non-sync provider. Naturally, since the unit told you that it required 4 hours notice to start I am sure you will honor its 4 hour start time and suspend all penalties associated with it starting 3.5 hours after you activate 30 minute reserves.	The unit was selected in the DAM during the hours 4, 9-15, and 18-21 for 30 min non- sync reserves. The unit is not started by SCUC, so the min run time and max stops are not relevant. When taken for DAM reserves the schedule is based on availably, the min run time and the max stops are not considered.	Issue requires discussion at the Market Structures Working Group. Results are consistent with current SMD2 rules.

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003.	05/03/2004 Sandbox	Bidding	MP attempted a Self Committed Flex HAM bid without success. By selecting that option, the min gen cost field was locked out, but the error came back with a min gen cost requirement.	Problem corrected; code tested and deployed in SMD2 production.	Closed
004.	05/03/2004 Sandbox	Bidding	MP received error message while entering generator bid into SMD2 Environment for 5/7/2004	After a review of the bid and the generator parameters it was determined that this unit was not qualified for an Ancillary Service that had an Availability Cost amount included as part of the bid.	Closed
005.	05/03/2004 Sandbox	Bidding	MP received error message while entering generator bid into SMD2 Environment for 5/7/2004	After a review of the bid it was determined that the user did not include 'hh:mm' value in the Bid Date field.	Closed
007.	05/05/2004 Sandbox	Bidding	MP receives 'fixed mingen MW cannot be null' error message when testing Generator Bid uploads.	Generator Bid upload contained data errors. Once corrected, the bid was successfully submitted.	Closed
011.	05/19/2004 Sandbox	Bidding	MP received error message when trying to submit generator DAM Bid file. ORACLE error-- At data row 1. ORA-20998: This Bid Schedule Type does not exist. In insert_gen_bid_row from SUBMIT_GEN_BID at loc 5 from SUBMIT_GEN_BID_UP_DN ORA-06512: at "BIDBOX.RAISE_ERROR", line 260 ORA-06512: at "BIDBOX.SUBMIT_GEN_BID_UP_DN", line 119 ORA-06512: at line 1	Generator Bid upload contained data errors. Once corrected, the bid was successfully submitted.	Closed
013.	06/21/2004 Exercise 1	Bidding	MP cannot see their Station Power load busses when trying to bid them in SMD2 environment.	Station Power code has since been deployed into the SMD2 environment.	Closed
016.	06/22/2004 Exercise 1	Bidding	MP requests to modify Qualified-to-bid flags and Unit Commitment Parameters for generators could not be completed by Customer Relations staff due to existing bids and the NYISO internal testing schedule.	Notification was sent to Market Participants that NYISO would make arrangements to allow for requested modifications to Qualified-to bid flags and Unit Commitment Parameters to be completed on August 5. Customer Relations staff would coordinate changes with Market Participants as necessary. All MP requested changes were successfully completed.	Closed

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017.	06/22/2004 Exercise 1	Bidding	Market Participants unable to submit generator bids with a DAM expiration date.	Problem a result of date/time variance from normal Market Exercise market close and bid date for SCUC test run. Variance accounted for and deployed in SMD2 production.	Closed
019.	06/23/2004 Exercise 1	Bidding	MPs receiving "Market Closed" error messages when attempting to update bids prior to scheduled close of DAM Market.	System referencing GMT rather than Local time. Parameter changed to correct problem.	Closed
021.	06/23/2004 Exercise 1	Bidding	MP received validation failed for DAM bid that did not have reserves bids and received validation passed for HAM bid that did not have reserve bids.	For the DAM, if 10-min or 30-min Spinning Reserves Qual-to-Bid Flag is Y, then MIS shall require a non-null value to be bid. The acceptable range of values is from zero up to the existing upper constraint. For the HAM, MIS shall accept only null value for reserves availability cost. This generator has bid_dam_10min_spin_resv = 'Y' and bid_dam_30min_spin_resv = 'Y'. So the reserve bids are required in the DAM.	Closed
023.	06/23/2004 Exercise 1	Bidding	MP requests to change unit Upper Operating Limits and ICAP MWs were not able to be completed by Customer Relations staff.	The internal NYISO Generator Administrator form was corrected and staff was able to post the revised Op Cap and ICAP information.	Closed
038.	07/20/2004 Exercise 2	Bidding	MP requests complete list of validation rules is published for SMD, equivalents of the production bid messages currently available.	Links were established for the list of validation rules on the SMD2 OASIS page.	Closed
085.	08/24/2004 Exercise 5	Bidding	1) Why does the Self scheduled MWs 00, 15, 30 & 45 need to be entered while bidding self committed flex? 2) Is it a minimum MW load and the bid curve taken if prices are higher?	1. With Self-Committed Flexible and Self-Committed Fixed bids, the bidder is self-scheduling the unit at a minimum MW value. The bidder provides that minimum MW value in the MWs 00, 15, 30 & 45 fields. 2. A Self-Committed Flexible bid is economically evaluated and can be scheduled for energy, reserves, and regulation (if qualified to bid reserves and/or regulation) above the self scheduled minimum MWs.	Closed

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086.	08/26/2004 Exercise 5	Bidding	MP created a number of bids to test the use of expiration dates in DAM/HAM and observed something they could not explain. 8/19/2004 DAM focusing on HB 03 Unit 1's bid had expiration date 08/18/2004 at 11:10. Unit 2's bid had an expiration date 08/19/2004 at 01:45. In both cases the bids were rejected in the DAM but HAM bids appeared in the MIS. 1) If a DAM bid with any expiration date is rejected in the DAM why would the bid be copied into the HAM? 2) Since the HAM market closes at 01:45 for the HB 03 dispatch hour should the bid be set to expire at 01:44?	1 & 2) Both units were bid into the HAM market on 8/13 by NYISO staff in preparation for the market trial. Rejected bids are not converted automatically into HAM bids. The expiration of a DAM bid only applies to the closing of the DAM market or SRE's.	Closed
095.	09/09/2004 Exercise 5	Bidding	NY Transaction ID XXXXX: It looks like NY generated a mock unique number for each deal. However, NY ID XXXXX does have a unique number specific to our organization. We are concerned that this may mean a tag was created in OATI for this deal. Could you please verify that a tag does not exist	No tags were created for transactions for the market trials. Some bids were copied from the historical day and the unique number was probably copied with the historic bid.	Closed
102.	09/20/2004 Exercise 5	Bidding	New fields for Self-Committed MW00, MW15, MW30, and MW45 have been added. a. Are these fields are only used with Self-Fixed and Self-Flex? b. When bidding in the DAM does all 4 values have to be the same for both fixed and Flex bid Schedule Ids? c. When bidding in the HAM does all 4 values have to be the same for both fixed and Flex bid Schedule Ids?	a. Yes b. Yes, SCUC only solves for 1 hour intervals. c. No, RTD solves for 15 minute intervals.	Closed

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103.	09/20/2004 Exercise 5	Bidding	A unit was bid as Self-flex in the DAM at 100MW. The ISO determined it was economic to dispatch the unit higher, say 200MW. I would like to re-bid the uncommitted portion of the unit in the HAM. a. What value must be included in the self committed fields MW00-MW45, 100Mw or 200MW? b. Can I increase/decrease the $/MW points in the bid above my DAM award? c. Can I increase/decrease the $/MW points in the bid below my DAM award?	a. Must be greater than or equal to accepted DAM Self Schedule MW00. b. Yes c. You can not increase the $/MW points in the bid below your DAM award. $/MW can only remain unchanged or decrease.	Closed
104.	09/20/2004 Exercise 5	Bidding	Can a unit be re-bid in the HAM market with a different bid schedule type? If so, what combinations are allowed?	(see table below)	Closed
105.	09/20/2004 Exercise 5	Bidding	I have a group of units that participate in the DAM 0600-2400 daily. I do not bid 30 Min NSR in the DAM from 0000-0600 since the units can't achieve a start within 30 minutes. a. It appears that I only have two choices. Bid 30 min NSR all 24 hours or do not bid any reserves at all. Is this assumption correct? If not, see questions b and c. b. I would like the units to be economically dispatched in the DAM by the ISO but do not want to offer reserves from 0000 to 0600. What Bid Schedule type can be used to achieve this? c. I would like the units to be economically dispatched in the HAM by the ISO but do not want to offer reserves from 0000 to 0600. What Bid Schedule type can be used to achieve this?	a. You can bid in "Fixed" for the first set of hours, and "Flexible" for the rest of the day. b. You can not bid in to be economically dispatched (flexible) and not offer reserves. c. See chart in #104 above.	Closed

Resolution table for issue #104:

Day Ahead	Real Time		
	ISO-Committed Flexible	Self-Committed Flexible	Self-Committed Fixed
ISO-Committed Flexible	Yes	Yes	By exception
Self-Committed Flexible	No	Yes	By exception
ISO-Committed Fixed	No	No	Yes
Self-Committed Fixed	No	No	Yes
No Day-Ahead Schedule	Yes	Yes	Yes

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106.	09/20/2004 Exercise 5	Bidding	Please explain bidding reserve with RT dispatch. I understand a generator owner provides a sync or non-sync reserve price offer (only) in the DAM (MW are not offered any more). a. If a unit is accepted in the DAM for reserves, what am I required to offer in the HAM bid? $0/MW, the $/MW offered in the original DAM bid or the DAM clearing price $/MW for reserves. b. If a unit was rejected for energy and reserves in the DAM. Am I required to offer reserves at $0/MW or Can I re-bid reserves at any price?	a. Reserves are bid in at $0/MW in the HAM by default. b. Reserves are bid in at $0/MW in the HAM.	Closed
112.	09/30/2004 Exercise 6	Bidding	Looking over the generator's HAM bids that were used by the NYISO in the SMD2 Market Exercise 3-5 on September 27th, 2004. It was the MP's understanding that the bids were suppose to duplicate those actually submitted on June 17th. MP noticed that the prices used by the NYISO for the HAM bids are not the same as those submitted by MP for June 17th. Why was there a difference?	The comparison aspects of the exercise were limited to the Day-Ahead Market. The 24-hour real-time segment of the exercise was not suitable for comparison because the NYISO has no way to duplicate the actual unit performance of June 17th. There was no effort made to duplicate the HAM bids from June 17th.	Closed

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116.	10/04/2004 Exercise #6	Bidding	The NYISO used a bid for an MP's generator in the simulation that didn't make much sense to the MP. Please explain why the NYISO would structure this unit's bid in this manner?	Notice was sent to MPs prior to the simulation explaining the methodology used to convert existing June 17 bids into the SMD2 format on 9/14/04: The Simulation Market Exercise requires the conversion of the existing June 17 2004 bids as they are in the current system into corresponding bids in the SMD 2 format. The format to convert the bids from one system to another is as follows: 1. All units that offered Reserves on June 17 will be bid as ISO Committed Flexible Mode 2. All units that did not offer Reserves will be bid as ISO Committed Fixed Mode 3. Bid curve points will constitute the upper end of each SMD2 bid block 4. Hourly start-up costs will not be used 5. Some large steam units will be examined on a by-exception basis for the application of the bid conversion guidelines with respect to Reserves. Because the unit had not bid reserve on the 6/17 market day we needed to bid them as either iso-commit fixed or self-scheduled fixed. We chose a mixture of both throughout the NYISO to broaden the test scenarios. The results have been reviewed by LECG to validate the accuracy of the scheduling and pricing algorithms.	Closed

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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 and is in QA for final testing.	Closed

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122.	10/14/2004 Exercise #6	Bidding	A unit is bid off-peak as ISO fixed 0-6 and 23, and on all other hours on-peak as ISO flex. 1. According to the matrix of allowable DAM to HAM bids, MP has no choice but to bid the off-peak as self fixed? 2. If yes, then must bidder provide a self committed portion in the HAM bid? 3. If yes, and it's a non-sync generator, it's on or it's off. Does bidder then have to put in its UOLn value in the self committed fields of the HAM bid? 4. Does bidding Self fixed in the HAM at the unit's UOLn, mean bidder is telling the ISO to operate the unit regardless of economics? 5. If yes, during the off peak hours, when loads are low and the generation in not needed, why limit the bidding options to Self fixed and force MP to bid the unit to run? Is the only other alternative is not to submit a bid into the HAM? If no. Then please explain the purpose of Self-Fixed bids and how they are evaluated by the ISO.	1. Correct 2. HAM bids created from accepted DAM bids should have the Self Schedule MW00 from the DAM bid written into the Self Schedule MW00, 15, 30, and 45 on the HAM bid. These are mandatory fields for self-committed units. 3. The MIS shall accept values that are greater than or equal to Bid Minimum generation MW, and less than or equal to Bid UOLe. Must be greater than or equal to the accepted DAM Self Schedule MW. The UOLn must be greater than or equal to the UOLn from accepted DAM bid. 4. Correct 5. This restriction only applies if the unit is committed and scheduled day-ahead. If it was, based upon an economic bid, we could not allow the unit to withdraw that capacity. If the unit was not committed then it is free to change its bid type.	Closed

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124.	10/14/2004 Exercise #7	Bidding	MP attempted to bid non sync reserves above $0 in the HAM. The following oracle error was returned. Please RACLE error-- At data row 1. ORA-20998: Check constraint GEN_BIDS_HAM_RESERVES_NODOL_CK of table GENERATOR_BIDS violated. Rule is: SOURCE_ID <> 4 or (SOURCE_ID = 4 AND (nvl(MIN10_SPIN_RESERVES_DOLLAR,0) =0 AND nvl(MIN30_SPIN_RESERVES_DOLLAR,0) =0 AND nvl(MIN10_NONSYNCH_RESERVES_DOLLAR,0) =0 AND nvl(MIN30_NONSYNCH_RESERVES_DOLLAR,0) =0)) In insert_gen_bid_row from SUBMIT_GEN_BID at loc 11 from SUBMIT_GEN_BID_UP_DN ORA-06512: at "BIDBOX.RAISE_ERROR", line 260 ORA-06512: at "BIDBOX.SUBMIT_GEN_BID_UP_DN", line 119 ORA-06	SOURCE_ID 4 = HAM This error message is stating that: 1. In order to input a reserves bid value greater than $0, the Market (source) cannot be the HAM, or 2. If it is a HAM bid, all the reserve availability bids have to be equal to $0.	Closed
126.	10/14/2004 Exercise #7	Bidding	1. Is a reserves price required in the HAM bid if accepted for energy in the DAM? 2. Is a reserves price required in the HAM bid if accepted for reserve in the DAM? 3. Is a $0 bid equivalent to a NULL bid?	1 & 2. Generators that are bid in the DAM as Flexible must enter an Availability bid in for Reserves. DAM flexible units can only bid in the HAM as flexible, and will have $0 Availability Reserve bids in default. 3. NULL equals No Bid; $0 is a bid @ $0.	Closed

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131.	10/19/2004 Exercise #7	Bidding	The following are validation messages returned by the MIS for 30 min NS reserve units: -- 08/17/2004 11:54:14 AM - HAM/Self-Committed Fixed DAM/ISO-Committed Fixed DAM bids can only have 0 or null 30-minute-nonsynch-$/MW. -- 10/12/2004 03:02:26 PM - Fixed bid can only bid null 30min-nonsynch $/MW. Please explain why a zero bid is required in the first message. MP understands that a $0 offering for reserves is as a price taker and Null as offering no reserve bid. If null is no bid, the first and second messages are confusing. I understood that fixed units do not participate in the reserves market.	The second, current message - "Fixed bid can only bid null 30min-nonsynch $/MW." does communicate the correct validation rule. It was modified from the original as a result of Market Participant input.	Closed
134.	10/20/2004 Exercise #7	Bidding	MP found that the HAM bids for several generators were modified by NYISO staff in a manner that seemed to be inconsistent with the units' operating parameters.	The bid status was modified, and the schedules were taken outside of the original bid limits by an OOM. In actual operation, a NYISO dispatcher would have ensured that the unit was capable of operating to the modified schedule prior to entering the OOM.	Closed
137.	10/20/2004 Exercise #7	Bidding	Ham generator bids modified with no explanation in the Market trial #7 for SMD #2.	The rule exists in SMD, that you are free to use any of the bid types in the HAM if you are rejected in the DAM. The DAM bids referred to were rejected, and one of the organization's users submitted the modified bids for the units in the HAM.	Closed

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081.	08/23/2004 Exercises 3&4	Billing	MP reviewed some of the SMD2 Billing data for 7/22 and 8/05 and has a couple concerns and questions for the Regulation Billing. 1) The billing for 7/22/04 for generator shows a Regulation Provider Daily Payment of about $x,xxx.xx. The Regulation Availability Bill code #216 however shows 0% performance for all 24 hrs of this day. MP is wondering where the true performance index results are located. 2) The billing for 8/5/04 for generator shows a Regulation Daily Payment of -$x,xxx.xx (a charge not a payment), and the Reg Availability shows good indexes in the 99% range for all hours except HB6-21, which all show 0% indexes. MP is concerned there may be some issues with the Index calculations and subsequent Regulation Provider payments.	1) The PTS data for the first market trial day was indeed suspect and could be discounted. 2) The unit's entire day-ahead Regulation position was converted to Energy; therefore, the unit bought out of its day-ahead position and paid; it in turn was compensated at real-time prices for the energy produced above its day-ahead commitment.	Closed
083.	08/24/2004 Exercise 5	Billing	1) MP did not receive daily data for their grouped GT's in their settlement statement. 2) MP can not determine how the hourly reserve payments roll-up to the daily values.	1) The systems changes related to the SMD 2.0 project have necessitated the removal of grouped generators from Customer Settlements data generated on or after the SMD 2.0 effective date. As a result, participants with grouped generators will no longer see records for their the parents of their grouped generators in all Customer Statement files generated after the SMD 2.0 effective date. However, records will be present for all of the individual units (children) that comprise the grouped generator. This change affects all new billing days on or after the SMD 2.0 effective date, as well as all past billing days that are re-spun on or after the SMD 2.0 effective date. 2) The SMD2 daily and hourly settlements files used in testing do not include all SMD2 billing codes, so these roll-ups are difficult to tie out. This will be addressed in the SMD2 Market Settlement Rules and Processes Manual	Closed

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118.	10/06/2004 Exercise #6	Billing	When reviewing the RT data from the SMD Simulation that the ISO ran on September 28, 2004, MP discovered what appear to be R/T balancing anomalies for some Load Busses.	The Market Trials did not include and could not include any provision for the submittal of the Meter Authority metered data that is required for the proper calculation of the load in these subzones (for settlements purposes). Note: the submittal of metered data from the Meter Authority through WBR would have resulted in accurate subzonal loads being used in the settlement.	Closed
119.	10/08/2004 Exercise #7	Billing	From the SMD transition manual: "Where a start-up cost is specified for a given hour, it will take precedence over the cost curve value." Please confirm the following statements. 1. If I submit a DAM or HAM bid with the Start-up cost field set to NULL. Then SCUC will use the cost curve as specified in the Unit commitment parameters. I will recover start up costs if committed. 2. If I submit a DAM or HAM bid with the Start-up cost field set to ZERO. Then SCUC will use the value of zero specified in the bid and disregard cost curve as specified in the Unit commitment parameters. I will not recover any start up costs if committed. 3. If I submit a DAM or HAM bid with the Start-up cost field set to $XXX. Then SCUC will use the value of $XXX specified in the bid and disregard cost curve as specified in the Unit commitment parameters. I will recover $XXX if committed.	1. Correct, the UC S/U cost curve will apply. 2. You will recover $0 Start-up cost. 3. You will recover $XXX Start-up cost.	Closed

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121.	10/13/2004 Exercise #6	Billing	MP provided spreadsheet shows the Trial #6 R/T 5-minute billing data obtained from the ISO. MP is seeing very odd 5-minute Regulation Performance results and Regulation Adjustment results. MP is having trouble interpreting this data, and the data does not seem reasonable.	NYISO staff independently calculated the regulation_credit and regulation_revenue_adjustment credit. The values reported by gen_scd_calcs are correct. There may be some questions by the MPs at the beginning because they are not used to seeing these kinds of numbers. The regulation_credit turned out to be negative because the performance_index went to zero in that RTD interval for the unit (overgen situation). This is an input from PTS. There was a large positive control error in that interval. The practical effect is that the unit bought back their DAM regulation at RTD prices, thus negative regulation_credit. The RRA has a large negative value because the AGC basepoint was larger than the unit's SCD basepoint. The large LBMP for that interval meant a large margin for energy which they return through the RRA_credit mechanism (large negative value).	Closed
024.	06/25/2004 Exercise 1	Commitment	MP inquired about the commitment of their generator when the MWs were bid at a high dollar amount, the DAM prices settled at a much lower price, yet their unit was Bid Accepted for the energy.	The Market Participant had submitted the unit as self committed fixed for the entire unit's capability during the hours in question. Therefore they were indicating to the NYISO that they would be a price taker for the entire unit's capability during those hours. The bid curve was not a factor in the unit's schedule.	Closed
044.	07/29/2004 Exercise 3	Commitment	The attached file is the DAM schedule for market exercise #3. All units bid in for that day participated in all 24 hours. The MIS returned less than 24 hours for many of our units. There does not appear to be any consistency to the missing hours. In addition, we have witnessed other discrepancies, with the same unit, on subsequent downloads. There are also missing 15 minute periods in the HAM/RT schedules.	This was a posting and not a scheduling issue, a code fix was deployed to correct both of these issues.	Closed

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051.	07/30/2004 Exercise 3	Commitment	There are two commitment issues from the market trials that a MP would like the ISO to look into. A generator received a schedule for the day. The MP checked whether the unit was economic for energy and determined it was not. It is possible that it was committed for 30 minute non-sync reserves but, like another unit, its start up time and minimum run time would preclude it from providing that service.	Determined to be a problem with the way the bid was structured. Results were consistent with SMD2 market rules.	Closed
054.	07/30/2004 Exercise 3	Commitment	There are many units in market trial data that have "partial" schedules for the hour - not all quarter hour records exist in MIS.	It was determined that this was attributed to a flag setting on our part that caused this to occur. We have corrected the configuration.	Closed
062.	08/05/2004 Exercise 4	Commitment	For transaction ID# xxxxxxx HB 13, 15, 16, and 17; why does the bid status for HAM show "EVALUATING" and has a schedule when these hours have already passed? Also, why is the bid status for DAM HB 22, 23 displaying as "ADVISORY ACCEPTED"?	We had problems with the HAM evaluation during this timeframe causing the bids to get stuck in this state. This has since been corrected and the bids have been moved to an Advisory Accepted status. Advisory Accepted bid means that the bid has been accepted by the system, but has not been through the Scheduling checkout process (which we don't have for this exercise due to the simulation which is regulating external flows).	Closed
067.	08/12/2004 Exercise 4	Commitment	MP does not believe that generator's DAM schedule for 8/5/2004 was correct. Believes the unit should have been scheduled at a higher level for more hours of the day. It was scheduled at its min gen all day. Bid Min Gen $ and Start-Up costs vary by hour. The first bid block was at the unit's min gen of MW1 with a price of $1x, the second block was for MW2 at $2x. The posted LBMPs were above the unit's $1x bid but less than the $2x bid for 10 hours. MP asks if the unit should have gotten scheduled above MW1 for all or some of those 10 hours.	The results were determined to be consistent with SMD2 market rules. Block bidding has not changed with SMD (other than all units are now bidding in this fashion). The posted LBMPs were not above their second block bid for MW2 at $2x. Since the LBMP was never greater than $2x, the unit was correctly dispatched to its minimum generation.	Closed

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074.	08/16/2004 Exercise 4	Commitment	MP highlighted hours that their units dropped below the mingen value (some hours were zero). The units did not receive DAM awards and MP bid into the HAM to guarantee commitment. Why did the unit dispatch in this fashion?	The unit was not dispatched below MIN GEN, however, the units hourly averages probably did come in below that value. The reason for the odd dispatch was a software error in the routines that pass commitment status between RTC and RTD for real-time committable steam units. The error has been identified and fixed, and including in the release to be used during Market Trial #5. Given it was a real-time commitment, we would not honor there minimum run time for any longer than 1 hour. Minimum down time would have been honored; however, given the scarcity conditions we were facing we forced the unit back into commitment.	Closed
075.	08/17/2004 Exercise 5	Commitment	MP bid unit in DAM 8/19/2004 as ISO Committed Fixed bid for all 24 periods. Following message returned when attempting to bid in the 10 & 30 Min NSR markets. 08/17/2004 11:50:50 AM - HAM/Self-Committed Fixed DAM/ISO-Committed Fixed DAM bids can only have 0 or null 10-minute-spin-$/MW 08/17/2004 12:52:07 PM - HAM/Self-Committed Fixed DAM/ISO-Committed Fixed DAM bids can only have 0 or null 30-minute-spin-$/MW MP thought fixed unit could not provide reserves or regulation. Zero (0) bid would indicate unit is capable of participating in the reserve market and willing to accept market clearing price. Null $/MW would indicate unit is not participating in the reserve market. MP was able to submit bids Null ancillary bids 0000-1200, $0 for 1200-2400 and regulation bids for all 24 periods.	This was an unintended consequence of fixing another issue earlier. This issue was corrected.	Closed

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076.	08/18/2004 Exercise 5	Commitment	MP asks what the "Op Cap Reserve" indicates on the Generator Bids Results screen. The DAM bid was rejected but the generator has XX MWs allotted to the OP CAP reserve category. Does that mean that the NYISO is counting those MWs for reserve? Why is there an OP CAP Reserve MW award when the unit was not bid in to the reserve market?	This is the Forecast Required Energy for Dispatch (FRED). The MW's not committed can be looked at as potential suppliers if needed. This is why the entire capacity of the unit was in the OP Cap Reserve. A unit can be selected to perform based on a SRE. The SRE process provides a method to commit supplemental resources. The evaluation uses unexpired/unaccepted Day Ahead Bids. Therefore, a generator would be SRE'd to comply with FRED. SRE's are determined in an economic manner. See Section 10.0 of the Day Ahead Scheduling Manual.	Closed
077.	08/18/2004 Exercise 4	Commitment	1. HB 04:00 HAM, 04:00=170MWs and 04:15=75MWs and 04:30=178.10MWs (not within ramp rate, partial MWs accepted). 2. Partial MWs accepted in DAM 3. HB 18:00, 18:00=230.8MWs, 18:15=0MWs, 18:30=90MWs, 18:45=0MWs (min down time an issue, start-up time an issue, partial MWs an issue).	The pricing basepoints should have pulled in the actual generation at the time that each RTD run was initialized and ramped the unit towards its 15 minute schedule What the pricing dispatch actually did was to use the submitted self-scheduled generation level at each 15 minute point without regard to the physical ramp limitations between time periods. Units can be awarded schedules with tenths of MW's under SMD2.	Closed
078.	08/19/2004 Exercise 5	Commitment	MP asks why their units have been on since HB0. They were rejected in the DAM and MP did not submit HAM bids for those units They also had DAM expiration dates of 8/18/2004 16:00.	There was a brief time period that morning (08/19) where NYISO staff was doing some web testing with this MP's units only to find that it involved the trials time frame. Internal testing was stopped and this has been corrected.	Closed

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082.	08/23/2004 Exercise 5	Commitment	Most of the problems MP observed were in the HAM market. 1) Generator was bid in the DAM in the normal manner for HE8. Yet in the Ham the bid was completely changed by the NYISO from a 3 point bid curve to an 11 point bid curve. Upper limits were also changed from the MW value that MP entered. 2) The GT's that were selected to run in the Dam had their bids changed in the Ham market from ISO Committed Flexible to Self Committed Fixed. 3) The units that were bid in as ISO Committed Fixed in the Dam market and the hours that they were committed to run the NYISO changed the bids to Self Committed Fixed.	1) & 2) There was a brief time period that morning (08/19) where NYISO staff was doing some web testing with these and other MP units only to find that it involved the market trials time frame. Internal testing on the bids for that time frame was immediately stopped. 3) Accepted DAM ISO committed fixed bids change to self committed bids in the HAM. This is a general rule - the ISO committed fixed category does not exist in the HAM market.	Closed
084.	08/24/2004 Exercise 5	Commitment	MP does not understand the dispatch of reserves for HB 20. Asks why the unit was awarded reserves when a cheaper alternative was available. States all other aspects of dispatch appear to be correct.	The "cheaper alternative" units had come off-line at the end of their energy schedule the previous hour. The units were not available to be scheduled for Reserves due to min-down time constraints.	Closed
089.	08/27/2004 Exercise 5	Commitment	DAM Bidding: 1. Hour 00:00 - Why was I accepted at XX1 MW when my bid should have had me at XX2 MW. 2. Hour 07:00 - Why was I accepted at XX.30 when I should have been at XX.00 MW and why is it not an even megawatt load.	DAM Hr 00: The unit should not have been scheduled to XX2MW. Block bidding unchanged from legacy and represents up to costs. Per bid cost up to XX1 MW was $XX, costs up to XX2 MW were $XX. DAM hr 07: The difference between block and ideal dispatches reflected on the unit which had a near marginal bid. The unit was accurately dispatched to XX.00 MW in ideal dispatch.	Closed

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110.	09/28/2004 Exercise 6	Commitment	Several generators came back with validation failed status in the HAM yesterday for SMD 2 market exercise 6. Units that were bid in the DAM as ISO Committed Fixed were defaulted to ISO Committed Flex in the Real Time, causing a validation failed bid to appear. Those units were also defaulted to Self Committed Fixed to give a validation passed status in the MIS box. If units are bid as ISO Committed Fixed, they can only be bid as Self Committed Fixed in the Real Time. Why were these units automatically defaulted to ISO Committed Flex??	A coding error was found in the conversion algorithm used in DAM to HAM conversion application created for this exercise. The application was created for Market Exercise purposes only and in not part of the SMD environment.	Closed
113.	09/28/2004 Exercise #6	Commitment	RTC postings inconsistent with generator operating limits.	In both legacy and SMD this constraint (generator operating limits) is controlled by the MP by only making the appropriate bids available within any given hour. During the exercise, the bid status was modified, and the schedule was taken outside of the original bid limits by an OOM. In actual operation, a NYISO dispatcher would have ensured that the unit was capable of operating to the schedule prior to entering the OOM.	Closed
115.	10/01/2004 Exercise #6	Commitment	For bid summary information, can bid status, bid type, or the DAM/HAM accepted MW fields be changed by the ISO?	Bid Accepted ISO-Committed Fixed units will be scheduled for energy only in the DAM and will be converted to a Self-scheduled fixed unit in HAM. This is the only unit status that is changed by the NISO. Accepted MW values will only be modified consistent with current procedures, i.e. generator derates etc.	Closed

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117.	10/05/2004 Exercise #6	Commitment	After a cursory review of generator's SMD2.0's RT MW's purchased / sold compared to the RT MW's purchased /sold on MP's 6/17 settlement, the RT MW's (i.e., balancing energy) are not identical. By comparison the DA Mw's were identical. MP understands why there are RT pricing differences, but does not know of any reason why the generation values would change for the same day.	The SMD2 Market Exercise Guide Addendum, posted to cover the Simulated Market Exercise (#6), and Market Exercise #7, set the following expectations for the exercise: "1. Market Exercise 6 (Market Simulation) – September 28 Market Exercise 6 is designed to provide a comparison of Day-Ahead Market results for an historic day under legacy market rules to the same day under SMD2 market rules. The Market Simulation exercise will also include a 24-hour real-time segment; however the real-time segment of the exercise will not be suitable for comparison to the historic real-time results. The real-time segment will replicate load profiles from the historic day, but it will not attempt to replicate actual unit performance throughout the day, so it is expected that the real-time market results will quickly diverge from the historical results. The real-time results will however be posted in real-time for Market Participant access and review."	Closed
132.	10/19/2004 Exercise #7	Commitment	MP's generators were basepointed above their UOLn and UOLe for several RTD intervals during Market Exercise #7. RTC did not violate the units' UOL.	This is around the time RTD-CAM was running. If the simulator had them operating above their UOLs then we would keep them there. Dispatch logic won't set a unit's basepoint lower than current actual output.	Closed
133.	10/20/2004 Exercise #7	Commitment	Currently a bids market status can be accepted or modified and still be assigned an energy award in the HAM. Will this change with SMD2? Will the modified status be dropped? Will additional market status's be added with a unit still be awarded energy?	The answer to all three questions is no.	Closed
008.	05/14/2004 Sandbox	Data	MP finds some different file formats between NYISO SMD2 Sandbox and Production. DAM Zonal LBMPs and DAM Ancillary Service Prices file headings differ.	File headings were changed in SMD2 to match current production files.	Closed

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033.	07/16/2004 Exercise 2	Data	MP reported: 1. SMD2 DAM Constraints are sometimes reported multiple times in the same hour with different costs 2. SMD2 DAM Constraints are not always reported with the same names as the current system DAM Constraints, even when they look to be the same. The differences vary from additional underscores to different abbreviations for facilities. We would like to be sure that we are not reinventing the same constraints in our databases due to slightly different data reporting issues.	1. Result of a correction implemented on 7/1 for the DAM limiting constraints view to post only constraint costs +/-.02 cents and sub mode type 308. 2. A parameter change was made in SCUC to correct this problem. The DAM Constraint information posted correctly in Market Exercises #4 - 7	Closed
035.	07/19/2004 Exercise 2	Data	MP questioned the ability of the NYISO to produce the TO file in SMD2 environment.	The Day-Ahead Operating plan was available for market exercise #4.	Closed
036.	07/20/2004 Exercise 2	Data	MP reports discrepancy with the HAM Generator Schedule query response file. The MP states that the response file is different for 7/20/04, than it has been for other days. The file does not distinguish 15min intervals.	Problem corrected; code tested and deployed in SMD2 production.	Closed

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040.	07/22/2004 Exercise 3	Data	1. The data being posted is not consistent. For any of the NYCA encapsulated zones zonal prices (i.e. excluding PJM/HQ/OH/NPX) RTC is posting every 15 minutes (timestamp on page http://mis2.nyiso.com/public/P-3Alist.htm not at :15, :30, :45 etc. but, at :21, :39, : 51 etc.) showing prices for :00, :15, :30 and :45. For some reason, on the html page there is no posting past 03:30. Both the csv file and pdf file are incomplete at this time and do not reflect the information posting in the html format. The 12:08 posting showed prices for each quarter hour to HB15:00 but, the 12:21 posting lost the 14:00, 14:15 and 14:30 postings. They then returned on the 13:07 posting. Is this intentional? Is there a document that explains how the prices are to be posted? These inconsistencies make it very difficult for us to test our software. 2. At the file with timestamp 11:06 on the P-3Alist.htm page has as its last advisory HAM posting that for 13:45. HB14:00 shows up on the posting time stamped at 11:21. Is it then revised and reposted every 15 minutes until it is set at the 13:21 posting or does it continue to be revised until the 13:07 posting?	There was a problem with the way the interface prices were posting during this period. Problem corrected; code tested and deployed in SMD2 production.	Closed
041.	07/23/2004 Exercise 3	Data	The Premgf files MP pulled down from smdftp1.nyiso.com do not match the SMD2 schedules.	This performance issue was addressed. There was a mismatch between Bidpost and the PreMGF files where the PreMGF files where taking longer than 15 mins to generate. The process of tuning the database to generate the files within the 15 min intervals was successfully completed before the next market exercise.	Closed

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043.	07/27/2004 Exercise 3	Data	1. Currently when MP performs a download for their DAM Awards they receive Bid Accepted, Bid Rejected, Validation Passed, and Validation Failed bids. During Market Trial #3 they did not receive any Validation Passed or Validation Failed bids, this caused them a problem because their processes are looking for those Validation bids as verification. Received Validation Passed and/or Validation Failed bids during Market Trials #1 and #2. 2. MP bids all their units into the DAM market for all hours. The downloaded DAM Awards showed no bids for a number of the unit's during many different hours.	In fixing another problem, the query for generator schedules was affected. Problem corrected; code tested and deployed in SMD2 production.	Closed
053.	07/30/2004 Exercise 3	Data	What will the hourly advisory file format looks like in SMD2 for group units? Will it still list each individual unit in the group plus at the group level?	1) After SMD goes live, if you request a file for a pre-SMD day that has <u>not</u> been re-billed since SMD deployment, you will see Group records as you did before. 2) After SMD goes live, if you request a file for a pre-SMD day that has been re-billed since SMD deployment, you will not see Group records.	Closed
056.	08/03/2004 Exercise 3	Data	MP asks that the comma be removed from the message field in the response from the MIS. The comma is causing problems when parsing data into our database. It does not follow the ISO published format. Example: "HAM, Self-Committed Fixed DAM, and ISO-Committed Fixed DAM bids can only have 0 or null 30-minute-nonsynch-$/MW"	The comma included within the message field was replaced with a period, consistent with the legacy format.	Closed
069.	08/03/2004 Exercise 3	Data	MP downloaded the DAM bids from the 7/22/04 market trial exercise and is confused by the data. It looks fairly normal except for 2 units at each hour interval. There are some missing data on these rows, and it is not the same unit each hour. Then, at the end of the file are some data that has RTC and RTD in the market column. What is this data?	The GEN_SCH query returned two rows of data for each generator in a manner consistent to that displayed through web pages. There was a "VALIDATION PASSED" row of data verifying the MP's bid, and either a "BID ACCEPTED" row with the unit's DAM schedule, or a "BID REJECTED" row. The RTC & RTD rows contain the HAM and Real-time data for the units.	Closed

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060.	08/05/2004 Exercise 4	Data	There were posting issues noted: 1. Real Time Actual Load: nothing posted for 8/5 2. Integrated Real Time Actual Load: incomplete data 3. Hour Ahead Market LBMP - Generator: last updated at 08/04/04 21:42 EDT 4. Real Time Market LBMP - Zonal: file last updated at 08/05/04 08:31 EDT	1. Real Time Actual Load: process restarted, posting correctly 2. Integrated Real Time Actual Load: functioning correctly, will remove the external zones - which have no load numbers - from the files 3. Hour Ahead Market LBMP- Generator: PDF file creation affecting process, will restrict data posting to CSV and HTML files 4. Real Time Market LBMP-Zonal: process restarted, posting correctly	Closed
063.	08/05/2004 Exercise 4	Data	1. Please look at the historical data sections of this report. Notice its data from 8/4 21:35 - 21:55. Followed by the expected RTC data for 8/5/04 14:15 on. I don't think this feature could be considered working during the SMD2 trial. 2. The "Energy Chart" feature has not been working at all today.	1. The 8/4 time frames began generating on system start up. There were some problems with the postings, but these were straightened out by the end of the exercise. 2. The "energy chart" feature was not available for Exercise 4 and malfunctioned due to a data exchange error in Exercise 5. The problem has been isolated and the fix is in process.	Closed
064.	08/06/2004 Exercise 4	Data Prices	Some comments: 1. Posted internal/external interface flows have duplicate entries with a negative PTID on one of them. It also appears the date stamp only updates at RTC intervals not RTD intervals. 2. Transmission Line RT Scheduled Outages includes data for irrelevant periods e.g. an outage on 8-2 was included in the 8-5 file... 3. There is no RT Transmission Line Outage file posted though the email announcement indicated that the ISO would be tripping lines during the MT. 4. Prices - only looked at the Zonal ones, they seemed to go nuts at odd times - like very early on the 5th and at other times. MP has not found the issues that may have caused the stress to cause high prices, hopes that the review process will address this. MP saw one interval with price over $2600.	1&2. Posting problems were identified and corrected for Exercise 5. 3. The execution of the exercise did not include full production staffing. The RT Scheduled Transmission Outages notification function was not exercised. 4. The price anomalies were discussed in detail at the August 31 Market Structures Working Group conference call.	Closed

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068.	08/13/2004 Exercise 4	Data	1. MP's OrgName in the first column of the daily data contains a ",". The OrgName in the hourly file does not. In the CSV world this extra"," has the effect of shifting the data by one column. MP requests NYISO change the daily file to be consistent with the hourly download data file. 2. On the daily download MP received blank data for all their GTs. Based on the hourly data, MP believes their GT's were dispatched and file should have some daily total results. 3. MP needs to know which of the GT PTIDs are going to be used in the Customer Settlements environment, for both the daily and hourly data (the group PTIDs did not show up in the hourly data). Will Customer Settlements use the same structure that is currently being used today? 4. When MP downloaded the hourly data it does not come with a heading row. This lack of headers makes it harder to analyze the data.	1. This is a temporary file for use in the market exercises only. It was suggested that the Market Participant open the file in a test editor and delete the comma prior to importing the file into Excel. 2. The grouped GT information will look different in the daily file. The individual units in a group are not going to roll into the parent in the daily file. 3. The grouped GT information will look different in the daily file. The individual units in a group are not going to roll into the parent in the daily file. A new Customer Statements Data Dictionary (V.19) has been provided to MPs with the SMD2 file structures 4. The hourly data template is a temporary tool to be used only during the market exercises. It will not be adjusted to include headings. Headers were provided in spreadsheet format to MP. The response parameters for this template are described in the Customer Statements Data Dictionary V.18 located on the NYISO web site at: http://www.nyiso.com/markets/pdf/data_dictionary_v18.pdf. The data returned by this query will follow the order in which they are listed in the Customer Statements Data Dictionary V.18.	Closed
079.	08/19/2004 Exercise 5	Data	Generator Forecast Schedule chart not displaying data correctly for unit.	Staff has verified that the Gen Review Forecasted Schedules screen was working properly, and is now correcting the cause of the data error. The graph was reacting to having to plot a trend for data showing up in the database table spanning 08/06/2004 to 08/19/2004. That was the reason for the datestamps and incorrect x- and y-axis settings.	Closed
087.	08/27/2004 Exercise 5	Data	On the new billing codes 776 and 777 both have the exact description, what is the difference? Should one be a charge and one a credit?	Billing code 776 accounts for the FIC that apply to failed transactions that are tied to the LBMP energy market. Billing code 777 accounts for the FIC that apply to failed transactions that were tied to a specific load bus in the NYCA.	Closed

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088.	08/27/2004 Exercise 5	Data	1. In the response file for a HAM query, you have the 5 minute instruction inside the file. Sometimes, the market name is called "RTD", other times called "SCD". Any determination from NYISO for what that would be? 2. In the NYISO market participant's user guide, "Generator SCD Schedules" template is supported. However, when I submit the query file I get: TIME_STAMP=08/24/2004 14:35 BID_TYPE=GEN_SCD DATA_ROWS=0 Are you still supporting this template any more???	1) The RTD is the Real Time Dispatch determined schedule for a time period. The SCD is the Security Constrained Dispatch determined schedule for a time period. 2) The template is still supported. However, this template can only be used for historical (pre-SMD2) generator data.	Closed
093.	09/09/2004 Exercise 5	Data	NY Transaction ID XXX: This deal appears under both purchases and sales on the statement. Our records indicate it is a purchase from NY. Could you please confirm if this is an error in the statement and whether the deal is a purchase or sale?	MP was looking at two different parts of the statement which contained different data for the same transaction. The transaction was a purchase.	Closed
094	09/09/2004 Exercise 5	Data	When we downloaded the customer statement it was missing headers for each column so we had to manually enter these. Could you confirm these headers include all the necessary charge codes and that all the new SMD2 charge codes have been included. The statement is attached.	Confirmed headers. The customer statement file used in Market Trials is a temporary file and is not the SMD2 final version. Not all the SMD2 codes are included.	Closed
096.	09/09/2004 Exercise 5	Data	I calculated BPCG for the Market Trial #5 for 3 transactions and the calculation isn't the same as the ADVISORY STATEMENT. Do you know if there is a change in the formula for the BPCG?	Customer was using wrong pricing data. When correct data was used, statement tied out.	Closed

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097.	09/10/2004 Exercise 5	Data	1a. Can you please provide a definition for the "upper operating limit - emergency" as it is used in the SMD2. 1b. Also please explain the relationship, if any, between this limit, the DMNC, and the upper operating limit as is bid into the MIS. 1c. Please advise under what power system conditions the upper operating limit emergency is used and how Transmission Owners will be notified when the emergency limits are in use by NYISO. 2. Please explain the use of the projected AVR status. Does this flag indicate that the generator is a voltage support service provider? 3a. Please elaborate on the use of the "prepare to start notification" indication. NYISO has defined in its data base an object ID for the flag for all generators, regardless of its type. 3b. Is it primarily intended for the quick start GT's, i.e. 10 minute and 30 minute GT's? If a GT is committed to run 45 minutes from now by RTC, will notification go out 45 minutes in advance? 3c. Is this flag triggered by RTC, RTD or both? 3d. Will the notification go out for steam units and if the answer is yes, then what does it mean?	1a. From the NYISO Market Services Tariff - The upper operating limit that a Generator indicates it expects to be able to reach, or the maximum amount of demand that a Demand Side Resource expects to be able to reduce, at the request of the ISO during extraordinary conditions. Each Generator or Demand Side Resource shall specify a UOLe in its bids that shall be equal to or greater than its stated Normal Upper Operating Limit. 1b. The Emergency Upper Operating Limit (UOLe) must be greater than or equal to the Normal Upper Operating Limit (UOLn). UOLe must also be less than or equal to the relevant (summer/winter) maximum operating limit (DMNC)as defined in the Generator Parameters entered into the NYISO MIS. 1c. A Technical Bulletin will be issued that defines the conditions for using UOLe and the notification of the marketplace. 2. Yes 3a. The flag is designed to notify 10-minute and 30-minute GTs that they have been committed to operate by RTC. 3b. RTC will commit 30-minute units 30 minutes ahead, and 10-minute units 15 minutes ahead. RTC may show basepoints for 10-minute and 30-minute units prior to these times, but the basepoints would be advisory only. The actual commitment from RTC only occurs 30 minutes prior for a 30-minute unit and 15 minutes prior for a 10-minute unit. An RTC basepoint issued 45 minutes ahead would be advisory only. 3c. The flag is triggered by RTC only. 3d. The GT Start flag is available for all units (including steam units) due to the nature of the implementation. However, the flag has no meaning with respect to steam units.	Closed

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108.	09/28/2004 Exercise 6	Data	Some RTC interval schedule postings are missing in several hours for all units that had schedules during these hours.	We experienced RTC posting errors during these hours which cause the gaps in Schedules, prices and any other related data (active constraints, locational reserves, transmission constraints - all those are posted on RTC 15). The same gap will show up for all generators, LBMPs, etc.	Closed
109.	09/28/2004 Exercise 6	Data	There are gaps in the RTC LBMP postings.	We experienced RTC posting errors during these hours which cause the gaps in Schedules, prices and any other related data (active constraints, locational reserves, transmission constraints - all those are posted on RTC 15). The same gap will show up for all generators, LBMPs, etc.	Closed
111.	09/28/2004 Exercise 6	Data	During the Market trials for SMD #2 it appears as if on the Generator Forecasted Schedules the Graphs are again broken.	A code fix was deployed to correct this issue for Market Exercise #7.	Closed
123.	10/14/2004 Exercise #7	Data	The SM2 Pre MGF file does not contain Cost Curve data.	The Pre-MGF will only contain cost curve data when the NYISO goes to back-up dispatch mode. At the request of CDAS we performed a test of this mode in Market Exercise #6. There was no plan in Market Exercise #7 to test this characteristic of Pre-MGF again, therefore there was be no cost curve data. The Pre-MGF being produced in ME#7 was the standard 15-minute Pre-MGF.	Closed

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130.	10/15/2004 Exercise #7	Data	Questions regarding the SMD2 pre-MGF file layout: 1. The first two fields of the "header record" refer to reporting hours 1-24 and 25-48 and 49. Other parts of the document reference Hour Beginning (HB) periods. Which hours do the "hourly dispatch resource records" represent? Does reporting hours 1-24 represent HB 0-23? 2. Is the 49th row the repeated hour or the 25th hour of the 25 hour day? Likewise, are the last 4 quarter-hour DNI values for the repeated hour or the 25th hour of the 25 hour day? 3. Exactly when will the "HOUR_TWO_REPEAT FLAG" be set to 1 or 2 in preparation for the upcoming hour's commitment? Will it be at the 45 minutes past the hour update to the file? 4. The document states that a TO can elect to retrieve the pre-MGF file once an hour or every 15 minutes. If dispatch commitments can change every 15 minutes, under what circumstances would retrieving the file hourly be acceptable or make sense to do? 5. What time period does the quarter-hour data represent? (i.e.: minutes 1-15, 16-30, 31-45 and 46-0 OR minutes 0-14, 15-29, 30-44 and 45-59)	These questions relating to the Pre-MGF files were raised by CDAS. Responses to the questions were distributed to CDAS members on October 18. The length and format (charts) of the response does not permit listing the response here.	Closed
135.	10/20/2004 Exercise #7	Data	When I run query for QUERY_TYPE=GEN_SCH and MARKET_TYPE=HAM, there are some inconsistency in the data. There should be a "HAM" segment for every 15 minutes for the Bid Accepted/BidRejected/Modified statuses. For some minutes the "HAM" segments are missing. This is causing errors in our application. Please verify if the following is true: For the past hours (statuses Bid Accepted/BidRejected/Modified) I should expect every 15 minutes "HAM" segment.	This is among the posting issues that were noted early in the day of the exercise and corrected. The postings were consistent during the rest of the exercise day.	Closed

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136.	10/20/2004 Exercise #7	Data	I tried to retrieve the settlement results from SMD2 Market Trial #7 this morning and ran into the same problem I always did.... No data available. I have not had any success getting the settlement results from the market trials. Attached are two files: a download query file and the response from NYISO.	The Generator RTD Data upload is a settlements / billing upload. User was not checked off as a billing user. Changed user permission and was able to upload query successfully.	Closed
139.	10/21/2004 Exercise #7	Data	Can we verify that the GEN_SCH query results file will not change from the Market Exercise format when we go live?	The GEN_SCH query results file will not change from the Market Exercise format.	Closed
039.	07/22/2004 Exercise 3	Mitigation	MP asks NYISO to clarify what data point in the generator award that will reflect a bid being mitigated. MP under impression that point #12 was reserved for this for all generators. However, in the case of a GT, where only two points are bid, it appears that the third point is reserved for mitigation.	An extra point may be inserted at any point in a bid curve as a result of mitigation in order to exclude the capacity scheduled for spinning reserve from being mitigated. The 12th point allows for the 'extra' point's insertion on a bid curve that has eleven user defined points.	Closed
042.	07/26/2004 Exercise 3	Mitigation	MP asks NYISO staff to explain how the NYISO will process the HAM awards (specifically the 15-Min advisory schedules) in the times where real time mitigation occurs.	15 minute advisory schedules are not processed any differently as a result of real-time mitigation.	Closed
055.	08/02/2004 Exercise 3	Mitigation	MP tried to force DAM mitigation on several of his units during market exercise #3 by placing very high bids in the last two curve points. In the DAM the unit was taken for 320 MW's at $290 a MW but the clearing price was way below this offer. The unit was not mitigated.	Mitigation software was not working correctly. Fix implemented for later Market Trials and verified by MMU.	Closed
098.	08/27/2004 Exercise 5	Mitigation	Units were mitigated outside the FERC defined constraints of NYC.	The SMD DAM AMP logic appears to mitigating units committed for LRR who are not located in the FERC defined constrained area of NYC. Discovered to be a messaging error. Code was deployed to correct this issue and was verified by MMU in Market Exercise #7.	Closed

Num	Date First Received	Issue Type	Issue	Resolution/Explanation	Issue Status
099.	08/27/2004 Exercise 5	Mitigation	It appears the ISO is using energy prices from nUOL dispatch range to calculate a reference price. This reference price is being used at the eUOL point. Documented costs to operate at eUOL are well in excess of nUOL. We are being mitigated below our cost to operate at eUOL if dispatched into this region. Please explain why our reference prices do not reflect documentation submitted to the NYISO? How can these prices be changed to reflect our costs?	The mitigation software was working incorrectly. It was mitigating units as if they were in NYC. These units are not located in NYC, and therefore should not have been treated like NYC units. Code was deployed to correct this issue and was verified by MMU in Market Exercise #7.	Closed
100.	08/27/2004 Exercise 5	Mitigation	A number of bids submitted in the DAM consisted of 2 points. MIS treated some resources in this group differently. For some units, one point was dropped after mitigation and others it did not. Please explain. For automated processes it is important all mitigation be implemented the same.	The appropriate application of the reference prices on record for the unit was to offer the full bid MW amount at the mitigated dollar value. If the 1st bid point had a dollar bid less than the Reference Price it would not have been changed or removed. Since the applied Reference Price was less than the dollar amount bids, and at an equal value for both the first and second points of the DAM bid, one bid point replaced the two.	Closed
114.	10/01/2004 Exercise #6	Mitigation	MP provided ISO response file with mitigated DAM bid. In the example, the two generators have been mitigated. The price mitigations are displayed in the $/MW1 field. 1. Why wasn't block 12 used for price mitigation? In this example there were no energy volumes, but there were 2 A/S bids. 2. In the case where the energy blocks are used for a bid, how will the ISO mitigate bids? Will block 12 be used and/or will blocks 1-11 be changed as they were in the case of the example provided? 3. MP is under the assumption that the energy point MW and $/MW can not be mitigated or modified. The ISO communicates a change using block 12. Will the ISO change any of the other energy blocks?	1. SMD Block Cost bidding is consistent with current requirements for monotonically increasing MWs & $s sequentially ordered. Unless there were 11 blocks used by the bidder and the MW & $ values inserted into the 12th block were monotonically increasing in value from the 11th block, bidding structure requirements would be violated. 2. If necessary, a mitigated bid value will be inserted at the appropriate place in the cost block sequence. The bid structure rules described in ans #1 would also apply. 3. Not correct. Reference prices will be utilized in the mitigation process to modify cost blocks as necessary.	Closed
025.	06/25/2004 Exercise 1	Prices	MP noticed that Ancillary Services clearing prices did not reflect Availability Prices associated with accepted bids for several units.	It was determined that $0 bids were being passed to the evaluating process which then calculated $0 Ancillary Service clearing prices. Code fix deployed and verified in Market Exercise #4.	Closed

Num	Date First Received	Issue Type	Issue	Resolution/Explanation	Issue Status
071.	08/11/2004 Exercise 4	Prices	MP asked during Market Exercise review session whether the posted prices for HAM LBMP externals were correct.	NYISO staff confirmed that the RTC process is not posting external prices during its execution of RTC30, RTC45 and RTC00, so the posted prices have been accurate. The only prices posted for external zones are those generated during RTC15.

We may have confused some MP's by saying that the external prices "are calculated hourly;" they may have interpreted this to mean that the price would be the same at all four timestamps. To be more precise, RTC15 generates four quarter-hour prices for external zones. | Closed |
| 107. | 09/28/2004 Exercise 6 | Prices | On the original market day the Avg. LBMP for Zone J was $11.40, the Market Simulation Exercise Avg. LBMP for Zone J $19.72 Why? | This question was addressed in detail at the Oct. 4 Market Structures WG teleconference | Closed |
| 127. | 10/14/2004 Exercise #7 | Prices | Why there is a difference between the DAM results of Market Exercise 6 and Market Exercise 7. MP was looking at the DAM LBMPs from the SMD2 OASIS page for September 28 (ME6) and October 14 (ME7). MP thought that the DAM LBMPs would have been the same, since NYISO was using the same historical day for both. | The difference is:
1) For Market Exercise 6, we did not allow MP's to change the bids. For Market Exercise 7, we allowed the MP's to modify their bids
2) The Ramapo Par was modeled incorrectly in Exercise 6 but correctly for Exercise 7. That had an effect on some of the zonal prices. | Closed |
| 129. | 10/15/2004 Exercise #6 | Prices | MP was doing some analysis comparing the results of Market Exercise 6 (ME6) to what actually happened in the DAM for June 17th and noticed that in the ME6 results losses seemed to be higher than what happened on June 17th. Particularly, Zone B had positive losses while in the actual DAM it had negative losses, for an average increase of $2.57 across the day. However, a particular generator in Zone B only showed an increase in the loss component of $0.71. MP has also noticed this sort of trend some generators in Zone C. Why was there such a discrepancy? | This issue was discussed in detail on the Market Structures Working Group teleconference of October 4. During that discussion it was explained there are improvements to the loss modeling in the SMD2 environment. Price variances noted were because of the difference of loss modeling between the SMD and Legacy environments. Andrew Hartshorn's Market Trials VI: DAM Benchmarking presentation can be found under the Market Structure Working Group Documents for October 04, 2004. | Closed |

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009.	05/19/2004 Sandbox	System	MP uploaded a bid with an expiration date/time in it of 05/20/2004 11:00, the response came back with "05/20/2004 11:00" for an expiration date/time. However, when Market Participant reviewed the bid through the web pages it displayed the expiration date/time in GMT not local time.	The Expiration Time field on page ref E-7 corrected to display in local time on generator bid review.	Closed
010.	05/19/2004 Sandbox	System	Gen bid display error - start-up cost on web page is not displayed in correct format.	The Start-Up $ value now displays to two decimal places on web page, regardless of its value.	Closed
012.	06/21/2004 Exercise 1	System	Link to SMD2 OASIS located on the main OASIS page rather than on the SMD2 transition page like it was for Sandbox testing.	Link added to the SMD2 transition page.	Closed
014.	06/22/2004 Exercise 1	System	Some Netscape 4.X users are having difficulty opening the SMD2 OASIS page. Their browser hangs up during the loading of the page.	IT verified that anything on the gold OASIS page is also used elsewhere on other www.nyiso.com pages. NYISO staff replicated the problem but able to load the page OK after hitting the refresh button.	Closed
020.	06/23/2004 Exercise 1	System	MP user able to view Transaction Bilaterals from affiliated organization that MP also has user account for.	Problem corrected; code tested and deployed in SMD2 production. Customer was able to verify fix during Market Exercise #7.	Closed
032.	07/02/2004 Exercise 2	System	Generator Reference Price (GRP-2) web interface is experiencing Oracle errors when user clicks on the Energy Reference Prices and Startup/minimum generation reference price radio buttons on the Web. Energy Reference Prices - ORA-00904: "BIDBOX"."GEN_MITIGATION_VW"."DAM_IN_CITY": invalid identifier Startup/minimum generation reference price - ORA-00904: "UPDTIME": invalid identifier	Problem corrected; code tested and deployed in SMD2 production.	Closed
057.	08/03/2004 Exercise 3	System	MIS Admins getting "java.lang.OutOfMemoryError" when attempting administrative functions.	Some new monitoring processes were implemented on the related server by the Unix Admins; these processes consume lots of memory. Process was shut down because of possibility that it was responsible for using up all the memory.	Closed

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001.	04/28/2004 Sandbox	Upload/Download	Market Participant ("MP") frequently getting errors when trying to query for transaction schedules. ORACLE error-- At data row 0. ORA-00942: table or view does not exist	The problem was a missing view in the database that failed to be copied over during the last refresh. The view has since been put in place and the templates work as expected.	Closed
002.	04/29/2004 Sandbox	Upload/Download	MP was testing upload/download application and found it would not read in the return file. Upon examination found carriage returns in the SMD2 return file not in current production files.	It was determined that the extra characters are a result of the NYISO changing from an NT to UNIX platform. The Market Participant would modify their application to accommodate the extra character in the return file.	Closed
006.	05/04/2004 Sandbox	Upload/Download	MP discovers that a '&' was required at the end of the template query string in order to successfully extract data. The current production system does not require this and the documentation states the same.	Code deployed to allow queries to work with or without '&' at end. The system will now accept a hard carriage return or an ampersand at the end of the statement to extract download information.	Closed
015.	06/22/2004 Exercise 1	Upload/Download	MP's automated system is receiving exception responses when attempting to upload bid files. Test files are returning a response stating that no rows were found. The query function uses the same PostFunction and seemed to be working fine.	MP discovered that when they were reading the file to submit in the post, the linefeeds and carriage returns in the file were being stripped out. Once this was realized, they tried adding back both characters and found that the line feed would work.	Closed
018.	06/23/2004 Exercise 1	Upload/Download	MP receiving error message when attempting to submit generator bid. Error Message: ORA-20998: The combination of Generator, date_hour, bid status, source must be unique. In insert_gen_bid_row from SUBMIT_GEN_BID at loc 5	Problem corrected; code tested and deployed in SMD2 production.	Closed

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022.	06/23/2004 Exercise 1	Upload/Download	MP reported this error when trying to place a transaction bid - ORACLE error-- At data row 1. ORA-20996: 1000091 - Bid is not within the valid transaction date range Error Log Id: 390693 from CALL_OSS_INSERT_PROC from INSERT_HOURLY_TRAN_BID_UP_DN ORA-06512: at "BIDBOX.RAISE_ERROR", line 260 ORA-06512: at "BIDBOX.INSERT_HOURLY_TRAN_BID_UP_DN", line 216 ORA-06512: at line 1	NYISO staff looked at the file and it was okay. It was then uploaded and returned a Validation Passed message. Problem has not reoccurred.	Closed
026.	06/25/2004 Exercise 1	Upload/Download	MP claims that in the NYISO SMD2 MP Document section 8.2.4, the format of the Transaction bid is not correct. It seems that there is an undocumented field between "PSE number" and "Receiving control" (field 7 and 8).	The 'spare' field between the "PSE number" and "Receiving control" fields is documented in the Transaction Bid Submission Parameters section; this 'spare' field is also required in the current production system.	Closed
027.	06/25/2004 Exercise 1	Upload/Download	MP states that in between the connectivity testing and the start of Market trials, NYISO changed the IP Address of the bidpost2.nyiso.com server from https://bidpost2.nyiso.com/cgi-bin/main.exe. MP had to reconfigure the firewall for the changed IP address to query and download data files using their application. Request to be notified in advance of any upcoming changes to the NYISO test environment.	In a 04/29/2004 notification to MPs the NYISO provided the IP Address that would be used in the SMD2 Sandbox testing and Market Exercises. "To test the upload/download process using an automated system: https://bidpost2.nyiso.com/cgi-bin/main.bin"	Closed

Num	Date First Received	Issue Type	Issue	Resolution/Explanation	Issue Status
028.	06/29/2004 Exercise 2	Upload/Download	MP received the following Oracle error when attempting to submit a multi-hour block transaction. ORACLE error-- At data row 13. ORA-20996: 1000098 - The OSS transaction for this contract is not a Multi-hour Block Transaction. Please create a new transaction or remove the minimum run time. Error Log Id: 390805 from CALL_OSS_INSERT_PROC from INSERT_HOURLY_TRAN_BID_UP_DN ORA-06512: at "BIDBOX.RAISE_ERROR", line 260 ORA-06512: at "BIDBOX.INSERT_HOURLY_TRAN_BID_UP_DN", line 216 ORA-06512: at line 1	Problem corrected; code tested and deployed in SMD2 production to allow Multi-hour Block Transactions.	Closed
029.	06/29/2004 Exercise 2	Upload/Download	MP submitted a Wheel Through transaction and received error message. ORACLE error-- At data row 1. ORA-20998: ERROR: Generator PJM_GEN_KEYSTONE ,ptid= 24065 and Bus load name NE_LOAD_SANDY PD ,ptid= 55858 Firm DAM & HAM transactions with external generators must have null transaction priority In CHECK_TRAN_CONTRACT from INSERT_HOURLY_TRAN_BID_UP_DN ORA-06512: at "BIDBOX.RAISE_ERROR", line 260 ORA-06512: at "BIDBOX.INSERT_HOURLY_TRAN_BID_UP_DN", line 216 ORA-06512: at line 1	Modified bid by removing 'Transaction Priority' and resubmitted successfully. Can only include Transaction Priority with internal and export transactions.	Closed
030.	06/30/2004 Exercise 2	Upload/Download	MP getting error message when trying to submit transaction bids via Upload/Download.	MP using Administrator account in template file, needed to include user account for this function.	Closed

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034.	07/16/2004 Exercise 2	Upload/Download	MP attempting to download market trials Gen Schedules for 7/8/04 market exercise. It returns data rows of 0. MP also previously used template to down load data for 6/24/04, now can't download data for that day.	Problem corrected; code tested and deployed in SMD2 production.	Closed
037.	07/20/2004 Exercise 2	Upload/Download	NYISO staff identified issue with the download templates and some organization's ability to download their advisory data. The ampersand in the names of some organizations was throwing off the template logic thinking that it is at the end of the org name line when it is really in the middle of the name.	Deployed to SMD2 production a solution to the ampersand issue in the billing templates by allowing MP's to either enter their organization name or organization id in the templates. The affected MP's will need to submit their download requests using their org_id in the following format, ORGANIZATION=12345&.	Closed
058.	08/03/2004 Exercise 4	Upload/Download	MP attempted to delete evaluated generator bids via an Upload/Download template and received an error message.	A user cannot delete a bid record that has a status Being Evaluated, Bid Accepted or Bid Rejected. The template was attempting to do that with this bid, resulted in the error message.	Closed
059.	08/04/2004 Exercise 4	Upload/Download	In MP's automated software for the current production system they are using HTTP/ 1.0 standard, with the sandbox smd2 they using HTTP/ 1.1. Which one will be used or "deployed" on the new version NYISO is releasing? 2) After receiving the confirmation from your side, why there's no more "End of session"? Today when we send our bidpost request we open a connection with NYISO, once we receive all the data and the message is complete, bidpost will close our session and that what trigger the event that the message is complete and than we begin our process to decode the message. In the SMD2 environment the session is not being closed and the event is not triggered.	1. HTTP/ 1.1 standards. 2. The SMD version of this application resides on a Unix platform, the Legacy system app resides on a Windows platform. MPs will need to code their processes to accommodate the platform change.	Closed
061.	08/05/2004 Exercise 4	Upload/Download	It appears that even though a MP's download request was successful, the process is hanging up preventing the customer from submitting a second request.	We have corrected the procedures to increase performance for the new requests.	Closed

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070.	08/06/2004 Exercise 4	Upload/Download	MP ran the GEN_SCH query. In the file for the Bid Accepted hours the "HAM" lines are every 15 minutes 1) If NYISO modifies the bid (status MODIFIED or Bid Accepted but mitigated) can the modification be only on <u>one</u> 15 minute "HAM" line or the Modified/mitigated changes would be true always for all <u>four</u> 15 minutes "HAM" lines, for this particular hour? 2) Is there any way to get history data for RTC/RTD? Currently in the file there are only RTDs for the upcoming hour and RTCs for the following 2 hours. If my system is down for a few hours and I want to update the missed data is there any query to get the RTC/RTD for the whole day or I would use the data from the "HAM" lines?	1) Once triggered, Mitigation extends through the remainder of the hour, and therefore it could last from one to four RTC intervals. 2) It is assumed this refers to extracting data with the Generator Bids and Schedules template 8.3.1 The template variable CURRENT_ADVISORY_SCHEDULES_FLAG value will determine what data is returned. If 'Y' is selected, the advisory schedules are returned. This appears to describe the data mentioned above. If 'N' is selected, the data returned should include the values from 00:00 through the latest actual schedule posting of the date requested. If the date input is a historic one (i.e. <= today's date -1), the RTC/RTD schedules for the entire day should be returned.	Closed

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065.	08/09/2004 Exercise 4	Upload/Download Data	It appears the ISO is forcing MP to download tremendous amounts of data when setting the Advisory schedule flag to "Y" - a day's worth of HAM or DAM schedules plus the RTC & RTD schedule window. Q1) Has the ISO considered the additional load that will be placed on market system hardware? When MP's could be polling the MIS with automated processes every 5 minutes to obtain their 15 minute schedules? Q2) Why would the MIS return SCD data? This does not appear to be correct. Q3) I would like to start up my automated download. It had to be shut it down because SCD was not recognized. Has RTD been added to this template? Q4a) Why provide Hourly bid data for hours that have elapsed? Why provide 15 minutes schedules that have elapsed? For the 24 hour of the Day the ISO could be returning 1,000's of rows of data for schedules that have elapsed during the day. Q4b) I asked at the last review meeting if selective queries could be developed. Just for RTD, RTC and possibly adding "to" and "from" fields rather than returning data for periods that have elapsed since the beginning of the day. Any progress on this concern? Q4c) Has the ISO considered creating a market download for "RTC/RTD" with the ability to request market status "Accepted" or "Rejected". Or consider allowing the user to request a "to" and "from" for specific HAM schedule hours during the day to reduce the amount of processing on both sides of the query. Q5) Why would the MIS return 5 minute data if the advisory flag is set to 'N'?	A1) Yes, the added load on the SMD system was considered in its design specifications. A2) The template is working as designed. When the user enters HAM in GEN_SCH they will get HAM and SCD data. If you wish to modify this template to pull only HAM not SCD, this will need to be entered as an enhancement and scheduled for a future release. A3) SCD/RTD data has been added to the query response A4) The template is working as designed. These features will need to be entered as enhancements and scheduled for a future release. A5) The advisory flag refers to whether or not you want to get the advisory schedules. The response would include both the HAM/RTC and SCD/RTD advisory (i.e. projected future) schedules if 'Y' is the parameter used. Only past and the most recent schedules are returned if 'N' is used.	Closed

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066.	08/10/2004 Exercise 4	Upload/Download	When MP tries the download template for LBMP energy for Market Exercise 3, they just get the header and Data=0. MP wants to look at the data NYISO recreated and posted on 8/5/04.	The data is posted. When constructing the query, the end date must be >= start date +1. This start-end date relationship is true for all the SMD2 queries that require an end date.	Closed
072.	08/13/2004 Exercise 4	Upload/Download	TRAN_SCH query was submitted and produced this error message: ORACLE error-- At data row 0. ORA-20998: You can not run an Upload/Download request of the same type until your previous request has completed. In UPLOAD_DOWNLOAD_PRE_PROCESS ORA-06512: at "BIDBOX.RAISE_ERROR", line 254 ORA-06512: at "BIDBOX.UPLOAD_DOWNLOAD_PRE_PROCESS", line 243 ORA-06512: at line 1	We believe there may be an issue with the clustering of the upload/download application, where if a query takes more than 5 minutes on the one server it sends the request to the clustered server while the other request is still running causing the database to pass this error. We are looking into expanding this time limit to allow large queries to finish.	Closed
073.	08/16/2004 Exercise 4	Upload/Download	MP trying to download the hourly settlements data. Gets "Error 404 -- Not Found" message.	We found that the clustered OSS code may be the cause of our problems with the SMD web applications not being available. We are currently removing the clustered OSS code and restoring the upload/download and bidpost applications to their original state prior to the 08/20 OSS code deployment.	Closed
092.	09/02/2004 Exercise 5	Upload/Download	The NYISO needs to allow MPs with automated systems for retrieving billing statements to test their system on a proxy bill before the go-live date for SMD2.	Sample SMD Hourly and Daily Customer Statement file formats and the accompanying Version 19.0 of the Customer Statements Data Dictionary were sent out via the TIE and CSET on 9/23. Individualized sample files are available upon request.	Closed
101.	09/20/2004 Exercise 5	Upload/Download	SMD Upload/Download Template changes. Page 1, Removed fields (Response parameters) includes Scheduled energy? All download templates in market trials included this field. Please explain why this exists in the SMD downloads. If this field is deleted, which field will represent the Scheduled MW for the Hour?	If you want the Scheduled Energy after the market has run, you would look at Section 8.3, Download Templates, where the Response Parameters do include Scheduled Energy, etc. The first page refers to response parameters removed from Upload Responses. These responses wouldn't include "Scheduled Energy", "Sched 10 min non-synch," etc., as this is before the DAM or HAM has run.	Closed

Num	Date First Received	Issue Type	Issue	Resolution/Explanation	Issue Status
125.	10/14/2004 Exercise #7	Upload/Download	Generator was accepted for reserves in the DAM for 10/14/04. Reserve prices were mitigated in the DAM. MP submitted via U/D a HAM bid with reserves @ $0/MW for one unit and NULL for another. MP logged into the MIS to verify and found the reserve bids did not change. The reserve prices in the HAM bids were still the same as the mitigated DAM bids.	Unit had a DAM reserve schedule. The DAM schedule was rolled into the HAM. Trying to place a zero or null bid into the HAM market would not change the existing accepted DAM schedule and the MP would see a $0 $MW HAM bid. Staff confirmed that the DAM Reserve prices did not roll into the HAM bid.	Closed
128.	10/14/2004 Exercise #7	Upload/Download	MP created upload file for a Virtual bid that returned an error message.	When bidding a Price Capped of Virtual bus, the first MW/$ entry must be in the Price Cap #1 fields. This bid has the first bid entry in the Price Cap #2 fields for HB 0-6 & 23 which violated the virtual/price cap bid structure rules.	Closed

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