

CAISO Market Issues Call Action Items List

March 4, 2010 Conference Call

Issue No.	SC Name	SC Contact	Issue Description/Action Item	Date Opened	Status	Review and Action Item Comment
258	Powerex	Lisa Hopkins	<p>We have noticed lately that when prices change in OASIS (For example for TH_SP15), that the CAISO's tables where our system pulls OASIS updates from do not reflect the corrected prices.</p> <p>For this price correction, we'd like to ask the following:                      Which prices were corrected outside the 5 day price correction window?                      Was it only Trading Hub prices or were there other prices?                      What Trade dates were affected?                      What was the root cause of the problem?</p> <p>12/10/09 update:                      The same problem still exists for Trade date Oct 14th TH_SP15. If you query OASIS using the "ALL Pnodes" method (it's a cached file - see attached spreadsheet) and it gives different prices than if you query using the "Select Pnodes" method (not a cached method).</p> <p>The OASIS cached files need to be refreshed for ALL the dates that the CAISO changed prices (which according to the Disconnected pnode prices document could be any or all days from August 1 to November). These price revisions should also be highlighted on the Market Issues Call. I don't think most people understood that the Trading Hub prices would be revised and these price revisions are not listed in the OASIS Publications and revisions log. They are not listed in any of the Price Corrections Reports.</p> <p>Could the CAISO please publish a document that indicates which dates had the Trading Hub prices affected by this disconnected pnode issue and also publish a document that indicates, when each of the cached files will be corrected (I assume that this will take some time to do). This issue should be highlighted and discussed on the Market Issues call, because the entire bilateral market (especially ICE) will need to be aware of the revision and determine as a whole whether they will resettle the bilateral deals (or not). It would be helpful to know the magnitude of the price revisions because I suspect it's not a huge \$ impact but it will be a significant amount of work for parties to resettle all of these transactions.</p> <p>12/29 update: [Steven Kung of PG&amp;E]                      Since 12/28/2009, I have been experiencing an issue where the OASIS API is occasionally returning empty files. The data is apparent in the user interface and can eventually be pulled via the API but it takes multiple attempts. This issue was previously reported and closed and explained and resolved due to an issue with the OASIS caching. Can CAISO please investigate? Sample of the files pulled within 1 minute of each other have been attached (URL used = "http://oasis.caiso.com/mrtu-oasis/Groupzip?resultformat=6&amp;groupid=RTM_LMP_GRP&amp;startdate=20091228&amp;opr_hr=17").</p>	12/9/2009	Pending	<p>Which prices were corrected outside the 5 day price correction window? Nodes impacted by the Disconnected PNode effort. Was it only Trading Hub prices or were there other prices? No, there were others.</p> <p>What Trade dates were affected? See Market Notice on the Disconnected PNode effort. Changes were made from trade date 08/01/09 and onward. What was the root cause of the problem? The DAM LMP prices were last updated on 11/10/2009, associated with the Disconnected PNode effort.</p> <p>There was a problem with the OASIS caching mechanism. By design, OASIS is to create a new cached file upon any change to the underlying data. This did not occur in this case. The system of Powerex was picking up the cached result set which did not include the 11/10 price changes. The GUI users that query OASIS for single nodes received the updated prices.</p> <p>The caching mechanism has since been updated to include measures to prevent the above scenario from occurring in the future.</p> <p>12/16 update:                      The OASIS cached files for the DAM LMP prices have been re-created for all Trading Dates from 08/01/2009 to 12/16/2009. Both the CSV and XML files have been re-created. The ISO has identified the root-cause which led to this problem and has made the appropriate changes so that this does not occur in the future. This specific condition occurs when there are corrections being published for multiple days, as was the case for the Disconnected PNode effort.</p> <p>There is still one patch related to the OASIS caching mechanism that has not yet been deployed. This patch will correct issues related to the following intermittent cache file conditions.                      - The cached zip file contains no files within the zip.                      - The cached zip file contains malformed xml/csv files within the zip.                      - The cached zip file contains data that is not consistent with data presented on the OASIS GUI. This can occur for DAM, HASP or RTM.</p> <p>The above issues occur during times of peak load on the OASIS servers. The patch is expected to be deployed within the next week.</p> <p>12/29 update:                      The empty files may be due to problems during peak load on OASIS as indicated above. Mondays are considered peak days, and Mondays following a holiday are that much heavier. The CAISO will continue to monitor this issue as it works on the long-term fix.</p> <p>Update on 2/25: The ISO is in the final stages of reviewing all cached files for DAM, HASP and RTM LMP data for trading dates beginning with 4/1/2009. Once this effort is complete, the ISO will post a spreadsheet which will indicate the last date/time the data was updated and the date/time that the cached file was created. The ISO has also committed to posting all of these cached files on an FTP site, outside of the OASIS application. Updates on these efforts will be made on the weekly SIUG call and in this Functionality List document.</p>
269	LDHEnergy	Xijian Sun	<p>I got a question regarding Jan 5 2010's DA MCC for 4 locations listed at the end of this email: when "24074_LA FRESA_230_24065_HINSON _230_BR_1_1" is binding, following locations should have a positive MCC based on topology connection, which could be also be supported by historical DA MCC on Dec 28, 2009, when the exact same congestion was binding on Dec 28, 2009, the following locations' DA MCC goes positive, However on Jan 05, 2010, these locations' DA MCC goes negative when this "24074_LA FRESA_230_24065_HINSON _230_BR_1_1" is binding. Could you please help me bring this issue to the DA price group at the earliest convenience and keep us updated on this? Here are the locations I refer to :</p> <p>REDON5G_7_B1                      REDON6G_7_B1                      REDON7G_7_B1                      REDON8G_7_B1</p> <p>One possibility is that these locations might be dead pricing nodes, could you please let know CAISO's schedule on correcting price of dead pricing nodes?</p> <p>01/07 update: What caused the different shift factors on those four points for congestion "24074 LA Fresa - 24065 Hinson"? I have reviewed the outages posted by CAISO, I don't see any outage happened on Jan 5, 2010 could cause such dramatic change on these shift factors.</p>	1/5/2010	Pending	<p>The reason why the pnode MCCs had different signs while the congestion shadow prices for flowgate "24074_LA FRESA_230_24065_HINSON _230_BR_1_1" are all positive is that different NA_CASES were used for 01/05/10 and 12/28/09. The shift factors used to calculate the MCCs were different for these dates. For 12/28/09, the shift factor is negative and for 01/05/10, the shift factor is positive. Please refer to part C of the CAISO Tariff Appendix C at <a href="http://www.caiso.com/2715/27159d2351d90.pdf">http://www.caiso.com/2715/27159d2351d90.pdf</a> for the calculation of the Marginal Cost of Congestion.</p> <p>03/03 update: Under review.</p>

CAISO Market Issues Call Action Items List

March 4, 2010 Conference Call

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276	SCE	Wei Zhou	<p>Can you please provide the reasons for the congestion on Mead since last week?</p> <p>02/12 update: [Mark Tribett of Constellation] Can you please add some clarity to the response given to market issue action item 276 regarding the cause of the MEAD_ITC constraint. The response claims that the CAMINO-MEAD E. (MWD) line outage is contributing to the MEAD_ITC congestion.</p> <p>Handling of the CAMINO-MEAD E. (MWD) outage (SLIC 1073907) in the CRR FNM:  <ul style="list-style-type: none"> <li>The line was not open in the February CRR FNM V1 case. If the line was expected to be open for more than 10 days in February, why wasn't it open in the CRR model?</li> </ul> </p> <p>CAMINO-MEAD E. (MWD) outage's (SLIC 1073907) affect on the MEAD_MSL interface:  <ul style="list-style-type: none"> <li>The CAMINO-MEAD E. line appears to be part of the MEAD_MSL interface definition. We understand that an outage on an interface line does not necessarily result in a derating of the interface, but are surprised to see no mention of the CAMINO-MEAD E. (MWD) outage in the OASIS Transmission Outage report for the MEAD_MSL interface. Could you please confirm that this line is part of the interface and explain why the outage was not reported in OASIS. If possible please also explain why the outage did not affect the interface's TTC.</li> </ul> </p> <p>The lack of transparency around this CAMINO-MEAD E. (MWD) outage is a good example of our motivation for requesting a more clear, timely and complete presentation of transmission outage data. This is a case where market participants are left in confusion about whether or not a line is open and its impact on a related interface, and then the same outage is used as an explanation for a driver of one of the most frequent day ahead market constraints over the past 3 months.</p>	1/21/2010	Pending	<p>This is attributed to the outage of Mead-Camino E line.</p> <p>02/24 update:  <ul style="list-style-type: none"> <li>The CRR FNM modelling for a particular month requires that final outage information is received at least 30 days prior. At the time of preparing the February 2010 CRR model, the final outage list did not include the Camino - Mead E line. The line was expected to be back in service sometime in January when the outage list was finalized.</li> <li>The Camino - Mead E line is part of the MEAD_MSL. The reporting of the outage of this line in OASIS is under review.</li> </ul> </p> <p>03/03 update: Outages that affect Mead_MSL are posted to the Transmission Outages report in OASIS. You can find the Camino-Mead outages to be described under the Outage Notes column and the corresponding SLIC outage numbers are also specified (e.g., 1073906, 1071585, 1078985, 1104879, and 1078986). However, the CAISO is currently investigating a variance wherein outage records are accurate, but the derates do not appear in the Transmission Usage reports. Moreover, the TTC is not affected by outages, only the OTC.</p>
277	Customized Energy Solutions	Mike McGuffin	<p>We request the CAISO to post data for the following: the date of the gas price index used for each trade date, and Potomac energy price component.</p>	1/21/2010	Open	
282	DC Energy	Leo Hergenroeder	<p>Why did Laughlin_ITC bind in the DAM for 1/28/2010 when it had zero flows, a positive limit, and positive available transmission capacity (ATC) in every hour of the day according to OASIS. Furthermore, the transmission interface usage information on OASIS is identical for hours 6 and 7 for 1/28/2010, yet the constraint bound in hour 7 and not in hour 6.</p> <p>It is our understanding that this must either be a reporting error on OASIS, or that the constraint binding is invalid and should be eliminated through price correction.</p> <p>02/03 update: What was the cause of the variance? When did it begin? Was it announced to market participants? How many other interfaces have this same issue? Does it affect all interfaces where BG/ITC flows are reported on OASIS but the ITC is always the constraint that binds? Will the ISO be back-populating accurate data for this (and any other) interfaces with this issue?</p> <p>One other constraint where we have noted strange OASIS data relative to binding activity is Mead_ITC, does it have the same issue?</p> <p>02/11 update: Please provide a list of the impacted branch groups/ITCs and the time periods that these are impacted with the issue in OASIS.</p>	1/28/2010	Pending	<p>02/03 update: The CAISO is aware of this issue and has registered a defect with its IT department as the app is internally developed. The issue affects both DA and HASP. 02/08 update: This will be in the OASIS Functionality List at <a href="http://caiso.com/235f/235fcbds56310.html">http://caiso.com/235f/235fcbds56310.html</a>. The fix is supposed to be deployed by 02/19. 02/25 update: The deployment of the fix has been rescheduled to 03/05.</p> <p>02/10 update: [for the 02/03 follow-up questions]                      - What was the cause of the variance?                      The scenario is when an ITC has no Import Schedules, but has Export Schedules that are greater than zero. This causes a calculation error in the view logic. This can occur in both the DAM and HASP.                      02/11 update: This error condition is merely one of a subset of issues that the ISO is currently investigating regarding ATC calculations.                      - When did it begin?                      A defect was logged on December 9, 2009 regarding incorrect data for the Scheduled Net Energy from Imports/Exports in the following reports: Current Transmission Usage, Transmission Interface Usage - Both DAM and HASP, and Market ATC report. (Indirect impact, as if the Net Energy is wrong, the ATC calculation is not correct). Potentially, the impact can go as far back as TD 04/01/2009.                      - Was it announced to market participants?                      IMS tickets were opened for SC's that surfaced the issue (#33665 and # 32842). There was no general announcement for this issue.                      - How many other interfaces have this same issue?                      All ITC's could be impacted, as the logic applies to all ITC's. In reality, most ITC's have at least 1MW Import Schedule for each hour. There are some ITC's where it is more common to have zero MW of Import Schedules (LAUGHLIN_BG, MARBLE_BG)                      - Does it affect all interfaces where BG/ITC flows are reported on OASIS but the ITC is always the constraint that binds?                      No                      - Will the ISO be back-populating accurate data for this (and any other) interfaces with this issue?                      When the patch is deployed, all values going back to 4/1/2009 will be corrected. The impacted logic was in the view, so upon any request for any day, the result set will be correct.                      - One other constraint where we have noted strange OASIS data relative to binding activity is Mead_ITC, does it have the same issue?                      Yes. This will be corrected, too.</p>
283	PGAE	Anders Hur	<p>Some nodes have inconsistent naming between the "TAC Area - Pnode Mapping" report and the "Pnode Listing" report. In the TAC Area report these nodes have underscores " _ " while the Pnode Listings report use dashes " - " .</p>	2/1/2010	Pending	<p>The "PNode Listing" report is correct while the "TAC Area - Pnode Mapping" is not correct. These two listings should be the same. The TAC area listing may contain logic to replace any dash with an underscore.</p> <p>A defect has been logged for this issue.</p>

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March 4, 2010 Conference Call

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289	SCE	Wei Zhou	<p>In recent RTM, the SCE 60/40 constraint has been binding frequently and the magnitude can change dramatically from interval to interval. Take market day 2/16/2010 for an example.</p> <p>On 2/16/2010, the shadow price for this constraint changed from \$2.8 at HE8 Interval 10, to \$907 at HE8 Interval 11 and \$909 at HE8 Interval 12. Then it dropped from \$909 to \$0 at HE9 Interval 1 until HE9 Interval 7. At HE9 Interval 7, it jumped from \$0 to \$850. At HE9 Interval 10, the shadow price dropped again, from \$926 to \$31.</p> <p>The was also observed in other hours/days. Can you please provide some clarification and answer the following questions?</p> <p>(1) Is this constraint enforced in the scheduling run? If so, what's the shadow price and why its enforcement in the scheduling run couldn't have mitigated its impact in the pricing run?</p> <p>(2) For many other transmission constraints, we usually see the \$500 price parameter would trigger before reaching a higher level. In the example above, what caused the shadow price to jump from \$3 to \$907 instead of \$500?</p> <p>(3) The constraint was not binding for the entire HE08 in HASP and the 15-min market run. What caused the constraint binding in the 5-min run with \$900 shadow price?</p> <p>(4) At the \$900 shadow price level, would it be more economic to bring up more internal generators or/and deep into regulation reserves to solve the constraint?</p> <p>02/23 update: Whenever there is price spike due to SCE_PCT_JMP_BG, the price for SCE load can increase significantly. For the example of 2/16, the hourly average RT price for SCE DLAP is \$194 for Hour 8 and \$278 for Hour 9. Would these prices be high enough for the ISO to call on additional units to serve the load? Put in another word, would it be more economic for the ISO to take some actions to allow additional units to be committed in such situation?</p> <p>Would the ISO consider extreme prices due to the lossless shift factor issue to be subject to price correction?</p> <p>02/28 update: Based on discussions from the last market issues call and CAISO's response, I have the following follow-up questions.</p> <p>1. Did the lossless shift factor issue play a role in making unit commitment decisions in the scheduling run for the intervals that this issue caused extreme solutions in the pricing run?</p> <p>2. Based on the CAISO response, the shadow price for the 60/40 constraint in the scheduling run is also around \$900. This translates to about \$500 price increase on SCE DLAP. Wouldn't such high DLAP price force the software to commit additional internal units bring down the DLAP price?</p> <p>3. What is the parameter for this constraint violation in the scheduling run? It seems to me that the \$5000 parameter for internal transmission constraints is too high for this 60/40 constraint, since the \$5000 shadow price of this constraint translates to about \$2500+ price increase on SCE DLAP and it indicates that this constraint will not be relaxed unless the DLAP price (the cost to serve load) jumped above \$2500. Can you please clarify?</p>	2/16/2010	Open	<p>(1) Yes the constraint is enforce the scheduling run. In many of the cases reviewed the scheduling shadow price is similar to the ultimate pricing run result. In general there is a solution in the scheduling run such that the constraint is not relaxed.</p> <p>(2) As described above, when the constraint becomes more binding, solutions that are affect changes in the losses as a result of use of lossless shift-factors becomes a solution and at these times the prices can rise above \$500. A description of the effect use of lossless shift-factors can be found at: <a href="http://www.caiso.com/23b4/23b4caaf479b0.pdf">http://www.caiso.com/23b4/23b4caaf479b0.pdf</a>.</p> <p>(3) As noted above during the steep load pull hours intervals conditions from one interval to next can vary significantly as constraint become binding</p> <p>(4) To the extent we can commit resource in the RTUC process we will do so. Use of regulation reserves is driven by system-wide imbalance energy needs as determined by the EMS/AGC function and will not necessarily be responsive to a local constraint.</p> <p>Response to 02/23 follow-up questions: If we can anticipate the load variation in DAM-RUC or RTPD we can commit additional resources if the conditions are observed. By the time we are looking at dispatches within 5 minutes, commitment of additional resources is not an option in RTD.</p> <p>The use of Lossless Shift Factors is currently the tariff expectation and therefore would not generate a price correction.</p> <p>03/03 update: 02/28 follow-up questions are under review.</p>
290	PGAE	Steven Kung	<p>When reviewing the weekly price correction report today, can CAISO also address an issue I opened (IMS#34060). The description of the issue was as follows:</p> <p>When reviewing the corrected prices for the DLAP_PGAE-APND, it has been observed that every 5 minute interval price for 02/05/2010 has been changes. In the weekly correction pricing report, there is no mention of any correction that would impact every RTM 5 min interval price for the PGE DLAP for the entire day. Can CAISO please investigate and advise? I've attached a spreadsheet showing the differences for the first 8 hour of 02/05/2010.</p>	2/18/2010	Pending	<p>The disconnected pnode corrections would have resulted in these changes to every interval. Disconnected pnode corrections are run at T+5.</p> <p>The original intent for the disconnected PNode process was to find a substitute pricing location for CRRs that are being settled at the disconnected PNode location. Since CRR settlements are done on the Marginal Cost of Congestion component between two points retaining a zero creates an artificially high difference. Since CRRs are not awarded at individual load bus locations, but rather at the DLAP or SLAP in the allocation, the pricing of individual disconnected load bus locations was not specifically addressed due to how the DLAP and SLAP prices are calculated in the DAM and RTM. If a load bus is disconnected in the DAM or RTM that respective LDF is zeroed out and is not included in the calculation of the DLAP price. Since CRRs are settled on the DAM LMPs (MCC component) and a disconnected load bus PNode is assigned a zero LDF the assignment of any price will have no impact on the DLAP price.</p> <p>There is a situation where a load bus PNode is disconnected in the DAM and then comes back in-service partially through the day of the running of the RTM. As part of the initial implementation process if a PNode was disconnected in the DAM it was considered disconnected for the entire day of the RTM. In this case if the load bus PNode was disconnected for the first half of the day then the DLAP prices were not changed since the LDFs were zero but for the last half of the day the LDFs would be non-zero but the price of the electrically closest PNode would be substituted for the original load bus PNode. This created a small price difference equal to: (Original PNode LMP – Substituted PNode LMP) * LDF of Original PNode. We are currently getting ready to implement an enhancement to the process to isolate, by interval, real-time disconnected PNodes which will ensure that each interval only includes connected load bus PNodes and does not have any substituted load bus PNodes included in the DLAP calculation.</p> <p>03/03 update: The enhancement to the process is currently under test.</p>
295	Dyneyg	Michael Bailey	<p>Accurate accounting for losses is an important market consideration for stakeholders. Since the start of MRTU, TH_SP15 losses average roughly -\$1.58 on-peak while TH_NP15 losses average roughly -\$0.42. In other words, TH_SP losses have a magnitude, on average, that is greater than TH_NP by a factor of 3. The loss factors published in the recent "California Energy Demand 2010-2020 Adopted Forecast", however, imply that TH_NP15 losses ought to be slightly greater in magnitude than those in TH_SP15. This has also been my understanding based on other various CAISO reports and publications that I have read over the years. I have also noticed that the variance in TH_NP15 losses appears to be large relative to its average, whereas the variance in TH_SP15 losses is more well behaved. Market documents indicate that losses are based on a loss sensitivity calculation in the IFM. My understanding of the IFM is that the optimal power flow algorithm used is a decoupled linear DC based solution (active power). I understand that losses are traditionally determined by the reactive portion of a full power flow. Is there a reasonable explanation for this apparent discrepancy between NP and SP cleared losses? Are the loss sensitivities recalculated at each run of the IFM? How are the loss sensitivities used to calculate loss LMPs for a given IFM run? Are there any issues with voltage profiles, reactive mismatches, tolerance settings in the Full Network Model that may be influencing the loss sensitivity calculation? Are there system conditions where application of the loss sensitivities break down (e.g., light load). Are there performance metrics in place to track the fidelity of the loss calculation?</p>	2/22/2010	Open	<p>The CAISO has assigned this issue internally for investigation, which may take a couple of weeks to complete.</p>
296	PGAE	Steven Kung	<p>For the Thu Issues call, can CAISO please advise if the nomogram 1039602-AP-1-NG is defined in any operating procedure or if it is a temporary nomogram. If temporary, can CAISO advise what it is for and for how long? Note, this was also submitted as IMS issue #34145.</p>	2/23/2010	To be closed	<p>This nomogram was created for a planned outage.</p> <p>03/03 update: Information on the planned outage can be accessed at the Transmission Outage Reports at <a href="https://www.caiso.com/transout/">https://www.caiso.com/transout/</a>. You may access the page from the CAISO website by selecting Planning &amp; Operations - Transmission Operations - Transmission Outage Reports. You need to have a certificate to view the outages. The information for this particular outage is not available in OASIS since it does not impact the OTC of a Transmission Interface. OASIS posts outages associated with Transmission Interfaces (TI) only.</p>

CAISO Market Issues Call Action Items List

March 4, 2010 Conference Call

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297	SCE	Wei Zhou	Can you please look into why the LMP for DLAPs exceeded \$500 for intervals 8 - 11 during HE10, and remained high until after interval 7 HE9, in RT 2/23/10? Also, 1039602-AP-1-NG was binding for those intervals and other intervals with -\$500 shadow price. Can you please provide more details on this nomogram and the reason it's binding?	2/24/2010	To be closed	The system was short on energy for these intervals, primarily driven by forced outages. For HE 10 INTs 10, 11, 12, the 1039602-AP-1-NG nomogram was binding. The congestion was valid as the nomogram was biased down to commit mitigation units. As indicated in action item # 296, this nomogram was created for a planned outage.
298	Edison Mission Marketing & Trading	Yan Sun	We noticed that there are discrepancies in the Mead_MSL limits posted in the "Transmission Outages" and "Transmission Interface Usage" on OASIS for 2/22 and 2/23/2010. Would you please investigate it?  The "Transmission Outage" report showed the Mead_MSL was derated to 1140 MW for 2/22 and 2/23 "For Mead-Camino East & West 220kV Lines (SLIC 1104879)". But the "Transmission Interface Usage" report had the limit at 1460 MW.	2/24/2010	Open	The outage record appeared to be accurate, but the derate did not appear in the Transmission Usage reports. The ISO currently investigating the cause of this issue.
299	Customized Energy Solutions	Chris McLean	We'd like to request for a summary of the price cap changes that would be implemented with the one-year anniversary of MRTU.	2/25/2010	To be closed	The following are the price cap changes upon the one year anniversary of MRTU on April 1, 2010:  Energy bid cap, from \$500/MWh to \$750/MWh AS bid cap, no change (\$250/MWh) Bid floor, no change (\$-30/MWh) LMP price cap, \$2500/MWh and \$-2500 expire RUC price cap, no change (\$250/MW)
300	SCE	Wei Zhou	Questions on 2/27 HE10 RTM where prices jump from \$45 to \$972. OASIS shows the 60/40 constraint binding, is this due to the lossy/lossless shift factor issue too? Questions on 3/1 HE 5 RTM where prices go to \$0 and -\$35. Can you please explain the \$0 and -\$35 price since the bid floor is -\$30?	3/1/2010	To be closed	The high DLAP price is due to shortage of energy and the SCE_PCT_IMP_BG binding. The markets are run using lossless shift factors and the high price impact is a possible outcome of using lossless shift factors to re-dispatch transmission constraint. Please see the technical bulletin on Comparison of Lossy versus Lossless Shift Factors in the ISO Market Optimizations at <a href="http://www.caiso.com/23ce/23ce5cd70160.pdf">http://www.caiso.com/23ce/23ce5cd70160.pdf</a> . For the negative prices on 03/01, there is overgeneration during these intervals. The \$-35 energy price was set by the power balance constraint penalty price that is set at \$35 for overgeneration up to 350MW.
301	PGAE	Nathanael Miksis	On 2/23/10, in several intervals, the values for total CAISO generation, imports and exports in OASIS appeared to have been inadvertently doubled. For an example, please see interval 1 in HE11. Can you offer any insights into the cause of this? Was it a matter of two cases being approved within a single 5-minute interval (resulting in the doubled value)?	3/1/2010	Open	Under review.
302	PGAE	Nathanael Miksis	We have noticed in our reports several instances of unusual real-time hourly-integrated load values in OASIS. These events may not be directly related. On 2/25/10, load values between HEs 19-23 diverged from the general pattern of the other series. In HE 19, actual load was above the other series, while in HE 20 it fell below. This alternating pattern continued. On 2/26/10 and 2/27/10, a similar pattern of alternating high and low load values hour over hour was observed, although with more clearly suspect values. Can you please offer any insights as to the cause of this? The unusual pattern observed on 2/26/10 in the early morning appeared to coincide with unusual prices (non-zero to zero to non-zero again), indicating that the odd metered (or calculated) load values impacted dispatch/pricing intervals. Again, any insights would be appreciated.	3/1/2010	Pending	This issue was due to server problems and has been fixed as of 1:00pm on March 3, 2010. The CAISO is working on correcting the data from 2/25 up to the time the issue was resolved.
303	Edison Mission Marketing & Trading	Yan Sun	According to the records in "Transmission Outages" on OASIS, "the Blythe161 intertie is isolated from the CISO. No schedules can be accepted at Blythe161 as the path to the CISO is out of service". However, it bound across the whole day in the DAM for 3/3/2010. We believe an open intertie can NOT bind because no schedules can be accepted. Would you please investigate it?	3/3/2010	To be closed	Blythe was not an open tie because there is a 25MW OTC in the Import direction (see Current Transmission Usage report). As indicated in the Transmission Outages report in OASIS, this limited Blythe161 OTC will be reserved for SCs with Stranded Load only, hence, CAISO Market Participants were advised to not submit Market Bids or Interchange Schedules using the Blythe161 scheduling point.