

Market Update Call Meeting Minutes

January 5, 2017¹

Agenda

- 1) Updates and Meeting Minutes Review – **Jennie Sage**
- 2) Weekly Performance Report – **Jennie Sage**
- 3) Price Correction Reports – **Jennie Sage**
- 4) Actions Items from the previous week - **Jennie Sage**
- 5) General Questions/ Comments

Updates

- On December 30, the ISO issued a market notice announcing the implementation of a modeling enhancement for price differences on the Pacific DC intertie: <http://www.caiso.com/Documents/ModelingEnhancementActivation-PriceDifferences-HighVoltageDirectCurrentLines.html>
- The ISO issued a Technical Bulletin on a Load Conformance Limiter Enhancement and a conference call is scheduled for January 11: <http://www.caiso.com/Documents/TechnicalBulletinLoadConformanceLimiterEnhancementPostedCall011117.html>
- The next Market Performance and Planning Forum will be held on January 18, 2017.

As an action item from the December 8 Market Update Call, the ISO has Chuck Hoffman from Operations Engineering to discuss the OMS 4379177 IVALLEY BNK81_NG2 that was enforced from November 29-December 8, 2016. Per OMS 4380792 Imperial Valley XFMR Bank 80 and OMS 4379177 Imperial Valley XFMR Bank 81 were overlapping XFMR bank outages. Under this topology the outages created, the ISO had to protect for 1) the contingency of Imperial Valley XFMR bank 82 to overload El Centro –Imperial Valley 230kV line, Imperial Valley-La Rosita 230kV line, and the Cenace 230kV system and 2) the contingency of the North Gila-Imperial Valley 500kV line to overload Imperial Valley XFMR bank 82. The Imperial Valley generation had to be limited to protect for these overloads and the coefficients on the nomograms reflect this.

Questions on Updates

Q: Why aren't you protecting for the loss of the Imperial Valley-La Rosita line?

A: The ISO studied the topology with the two Imperial Valley XFMR banks out of service. All related area contingencies were studied and it was determined that the most limiting conditions that needed to be accounted for were the contingency of Imperial Valley XFMR bank 82 and the contingency of the North Gila-Imperial Valley 500kV line. So the contingency of the Imperial Valley-La Rosita 230kV line was not the worst case overload under this topology.

¹ The California ISO (CAISO) hosts this bi-weekly market update conference call, generally at 10:15AM PST bi-monthly on Thursdays. This call is an opportunity for market participants to ask general questions regarding the market. Please send any questions to [CIDI system](mailto:CIDI@caiso.com), which includes questions that have proprietary information and that might be commercially sensitive. Only general market-related questions which are neither proprietary, nor non time-sensitive should be sent to market_issues@caiso.com.

Weekly Market Performance Report

The weekly market reports cover the time periods November 30-December 13, 2016 and December 14-28, 2016. Load levels are lower due to seasonal changes. The reasons for the real-time price spikes are listed in the report.

Price Correction Reports

During the week of December 5-9, the ISO processed 434 price corrections due to software defects and data input errors. During the week of December 12-16, the ISO processed 374 price corrections due to software defects and data input errors. During the week of December 19-23, the ISO processed 211 price corrections due to software defects and data input errors. During the week of December 26-30, the ISO processed 10 price corrections due to software defects.

Questions on Price Correction Reports

Q: In the MPPF, the ISO shows that there were only 7 price correction events in October but in the price correction reports, there are many market intervals and thousands of pnode corrections so how can the ISO state there were only 7 price correction events? Can we get more information on the impact of the price correction events in the MPPF?

A: A price correction event may be due to a software defect and the ISO reports this defect to its market application vendor and has to wait for some time for the fix. So there may be some number of weeks where the ISO is correcting for the same software defect until the fix is installed in production. The ISO will consider how we can provide more detail on the impact of price corrections in the MPPF.

General Reminders

- **NOTE:** The current best practice, and preferred method, of asking questions is to route through the **Customer Inquiry, Dispute and Information system, "CIDI"**.
- Please submit your questions ahead of the call; there are occasions when we have to gather information: submission ahead of time allows us more preparation time to reply.
- To add general comments/questions/requests to the **action item list or meeting agenda**, market participants should also open corresponding CIDI tickets with both the Functional Environment as "Market Performance" and SCID as "XPUB" by close of business (COB) on Mondays.