

Market Update Call Meeting Minutes

September 28, 2017¹

Agenda

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

Updates

On October 1, 2017, Portland General Electric will join the real-time markets as a new EIM entity. When a new EIM entity enters the real-time market, the price correction time horizon for real-time price corrections changes from five business day to ten business days for the first 90 days of EIM implementation. The price correction time horizon for the day-ahead market does not change and will remain at three business days.

Meeting Minutes Review

The September 14th meeting minutes have been posted. In these meeting minutes, there is a discussion on the real-time regulation down scarcity event on August 21, 2017. In general, the ISO procures regulation and other ancillary services in day-ahead and real-time market by region with four regions currently activated: CAISO expanded system region, CAISO internal region, SP26 expanded region and SP26 internal region. In addition to a minimum requirement for each region and service, there is a maximum requirement so that excessive services are not procured. On August 21, the regulation down minimum requirement was set to 1000 MW in HE 11 for the CAISO expanded system region. However the maximum requirement was set to 500 MW in 11 for the CAISO internal region. This data input error on the maximum requirement for CAISO internal region prevented the ISO from procuring regulation down that was available from internal CAISO resources and led to the regulation down scarcity event. This issue was discovered when running the day-ahead market for August 21 and was fixed in the day-ahead market. However, the data input error still went to the real-time market and was not caught by the price validation process within five business days. Going forward, the ISO has implemented controls to ensure that the maximum requirements for ancillary services are not set below the system minimum requirement.

Weekly Market Performance Report

The ISO posted the bi-weekly price correction report for September 6-19, 2017. On September 11, the day-ahead market saw high prices above \$100/MWh for several hours primarily for both the peak load and the net peak load hours. Here net peak load refers to load minus output from variable energy resources. These high prices were driven by high temperatures in California and rest of the west. There were high prices in the fifteen and five minute market on September 11 due to high loads and the de-rate of a major transmission element reducing net import to the ISO.

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](#), 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.

Additionally on September 15 in the fifteen-minute market, there was PG&E DLAP price separation due to congestion on several constraints, mainly 30735_METCALF_230_30042_METCALF_500_XF_12 and 37585_TRCY PMP_230_30625_TESLA D_230_BR_2_1. In general in the real-time market, operators are managing system conditions and flows on transmission elements. They use conformance on constraints to true up differences they are seeing between market and actual flows on constraints. On September 15, the two constraints 30735_METCALF_230_30042_METCALF_500_XF_12 and 37585_TRCY PMP_230_30625_TESLA D_230_BR_2_1 had high flows due to outages in the area. ISO operators are also monitoring system conditions and used load bias to true up load forecast differences and deviation on resources.

Questions on the Weekly Market Performance Report

None

Price Correction Reports

During the week of September 5-8, 2017, the ISO processed 1501 price corrections due to software defects and data input errors. During the week of September 11-15, 2017, the ISO processed 3813 price corrections due to software defects and data input errors. A new format for Price Correction Reports is available that summarizes price corrections in a more user-friendly manner.

Questions on Price Correction Report

None

General Questions

Q: Starting on September 25, OASIS is missing system demand information, can you review this?

A: This issue was resolved on September 28, 2017.

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.