

Market Update Call Meeting Minutes

January 19, 2017¹

Agenda

- 1) Updates and Meeting Minutes Review – **Guillermo Bautista Alderete**
- 2) Discussion on Crosstrip constraint – **Licheng Jin**
- 3) Weekly Performance Report – **Guillermo Bautista Alderete**
- 4) Price Correction Reports – **Guillermo Bautista Alderete**
- 5) Actions Items from the previous week - **Guillermo Bautista Alderete**
- 6) General Questions/ Comments

Updates

- On January 18, the ISO hosted the Market Performance Forum meeting. The Agenda and presentations are available at http://www.caiso.com/Documents/Agenda-Presentation-MarketPerformance-PlanningForum_Jan18_2017.pdf
- On January 6, 2017, the ISO activated a pricing enhancement to reconcile price differentials between the high Voltage Direct Current element poles, such as the prices applicable to Pacific DC intertie: <http://www.caiso.com/Documents/ModelingEnhancementActivation-PriceDifferences-HighVoltageDirectCurrentLines.html>.
- Two new constraints with a shadow prices when binding are now posted on OASIS; these constraints are the drivers to reconcile the price differential between the poles of the HVDC element. This is currently available for the real-time market.

As a follow up on a request from market participants, Licheng Jin, Manager of Operations Planning Engineering is here to discuss the 23040_CROSSTRIP constraint enforce in the ISO markets.

Questions on Updates

Q: Why is the 23040_CROSSTRIP constraint now enforced?

A: The constraint is enforced to avoid potential post-contingency flow in the underlying 230kV line for the N-1 loss of the 500kV line. The constraint was modeled as contingency and flowgate pair. A change was done to convert the contingency/flowgate pair to a nomogram in order to help better model the constraint and the RAS associated with it.

Q: What were the system conditions that led to enforcement and binding of this constraint

A: High flow from east to west from the 500 kV lines.

Q: Is this constraint binding in the market because of an outage?

A: No.

Q: If this constraint had been enforced a year ago, would it be binding like nowadays?

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.

A: Yes. As noted above, the constraint was modeled as contingency/flowgate pair and now it is modeled as nomogram.

Q: Will this constraint continue to be binding?

A: As noted above, the constraint could bind due to high east to west flow. Depending on this system condition, it could continue to be binding. Please note that the constraint name is going to be changed to 7820_TL23040_IV_SPS_NG to be consistent with the procedure naming convention.

Q: What is the name of the new constraints for the HVDC element?

A: The names of the constraints are PDCI and IMT-A for the PDCI and the IPP DC elements, respectively.

Weekly Market Performance Report

The weekly market reports cover the time period December 28, 2016 through January 10, 2017. Load levels remained lower following weather patterns. The reasons for the real-time price spikes are listed in the report.

Price Correction Reports

During the week of January 3-6 2017, the ISO processed 11 price corrections due to software defects. During the week of January 9-13 2017, the ISO processed 56 price corrections due to software defects and data input errors.

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.