Price Correction Report
Week of Jul 11 – 15, 2022

Overview

This document is intended to meet the requirements of ISO Tariff section 35.6, and provides the Market Participants with a summary of all price corrections that occured during the week. For example, report titled with May 5-9, 2014 will cover all corrections made during the week of May 5-9. In a normal situation, it will include trade dates that have price corrections which are due between May 5-9, 2014 based on the five business day for Real-Time market and three business day for Day-Ahead market.

The structure of the report is as follows:

- Price correction listing – this section includes a listing of all the corrections, including market intervals affected, locations, reason (which would tie back to the description of issues section), and method of price correction.
- Description of Issues – this section describes each issue which resulted in a correction in more detail.
- Price-fill report – metrics on the number of empty price intervals that were filled by adjacent interval prices, usually due to failed runs.

For the week covered by this report, **110** intervals were corrected.

The trade dates covered by this report are:

DAM: 7/06/2022 – 7/12/2022
RTM: 7/01/2022 – 7/10/2022

Correction methodologies
The following are the definitions of the correction methodologies used:

Selective recalculation: The CAISO will selectively recalculate incorrect financially binding prices when the invalid prices are isolated and can be corrected such that no other financially binding prices are affected by the correction.

System recalculation: The CAISO will recalculate all prices for the invalidated market interval using corrected or recreated input data, or repaired software as applicable.

Replacement: If the above correction methods are not applicable and practicable, the CAISO shall use, in place of prices for the binding interval of an invalidated market solution, replicated prices from binding or advisory intervals from the validated market solution in which the market conditions were most similar to the market conditions in the invalidated market solution for the affected interval.

California ISO

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Price Correction Listing

The following is a list of the corrections made during the week, provided with date and time. The number to the left of the reason field corresponds to the issue number in the Description of Issues section. The count of corrected Pnode/Apnode for each corrected interval is listed left to the Affected Location field. In case of many intervals with the same correction reason, instead of providing the exact count of corrected Pnode/Apnode, the range of Pnode/Apnode affected is provided and listed in another table. Please note that there are only flex ramp prices corrections or AS price corrections for those intervals that have the Count of Corrected Pnode/Apnode column missing.

Corrections made through selective recalculation: 105

Date	HE	Intervals	Market	#	Reason	Number of corrected Pnodes/Apnodes	Affected Area
07/01/2022	7	10-12	RTD	2	Software Defect	879	Local
07/02/2022	2	1-2	RTPD	2	Software Defect	1611	Local
07/02/2022	8	3	RTPD	3	Software Defect	3195	Local
07/02/2022	8	4	RTPD	3	Software Defect	3171	Local
07/02/2022	9	1	RTPD	3	Software Defect	3285	Local
07/06/2022	5	2	RTD	2	Software Defect	879	Local
07/07/2022	17	10-12	RTD	3	Software Defect	5539	Local
07/07/2022	19	10	RTD	3	Software Defect	5562	Local
07/07/2022	19	11	RTD	3	Software Defect	5563	Local
07/07/2022	19	12	RTD	3	Software Defect	5571	Local
07/07/2022	19	8	RTD	3	Software Defect	5535	Local
07/07/2022	19	9	RTD	3	Software Defect	5540	Local
07/07/2022	20	10-11	RTD	3	Software Defect	5563	Local
07/07/2022	20	12	RTD	3	Software Defect	5565	Local
07/07/2022	20	9	RTD	3	Software Defect	5567	Local
07/07/2022	21	12	RTD	3	Software Defect	5561	Local
07/07/2022	21	6	RTD	3	Software Defect	5566	Local
07/07/2022	22	1	RTD	3	Software Defect	5563	Local
07/07/2022	22	6	RTD	3	Software Defect	5569	Local
07/07/2022	22	7	RTD	3	Software Defect	5595	Local
07/07/2022	22	9	RTD	3	Software Defect	5599	Local
07/07/2022	24	10	RTD	3	Software Defect	5625	Local
07/07/2022	24	11	RTD	3	Software Defect	16161	Local
07/07/2022	24	12	RTD	3	Software Defect	5631	Local
07/07/2022	24	8	RTD	3	Software Defect	5602	Local
07/07/2022	24	9	RTD	3	Software Defect	5618	Local
07/07/2022	16	1	RTPD	3	Software Defect	5524	Local
07/07/2022	16	4	RTPD	3	Software Defect	5504	Local
07/07/2022	17	1	RTPD	3	Software Defect	5527	Local
07/07/2022	18	3	RTPD	3	Software Defect	5539	Local
07/07/2022	18	4	RTPD	3	Software Defect	5566	Local
07/07/2022	19	1	RTPD	3	Software Defect	5559	Local
07/07/2022	19	2	RTPD	3	Software Defect	5557	Local
07/07/2022	19	3	RTPD	3	Software Defect	5550	Local
07/07/2022	19	4	RTPD	3	Software Defect	5560	Local
07/07/2022	20	1	RTPD	3	Software Defect	5536	Local
07/07/2022	20	2	RTPD	3	Software Defect	5562	Local
07/07/2022	20	3	RTPD	3	Software Defect	5569	Local

07/07/2022	20	4	RTPD	3	Software Defect	5567	Local
07/07/2022	21	1	RTPD	3	Software Defect	5564	Local
07/07/2022	21	2	RTPD	3	Software Defect	5558	Local
07/07/2022	21	3	RTPD	3	Software Defect	5563	Local
07/07/2022	21	4	RTPD	3	Software Defect	5534	Local
07/07/2022	22	1-2	RTPD	3	Software Defect	5565	Local
07/07/2022	22	3	RTPD	3	Software Defect	5583	Local
07/07/2022	22	4	RTPD	3	Software Defect	5619	Local
07/07/2022	23	1	RTPD	3	Software Defect	5390	Local
07/07/2022	23	2	RTPD	3	Software Defect	5554	Local
07/07/2022	23	3	RTPD	3	Software Defect	5558	Local
07/07/2022	23	4	RTPD	3	Software Defect	5605	Local
07/07/2022	24	4	RTPD	3	Software Defect	5611	Local
07/08/2022	1	10	RTD	3	Software Defect	5637	Local
07/08/2022	1	7-8	RTD	3	Software Defect	5629	Local
07/08/2022	1	9	RTD	3	Software Defect	5633	Local
07/08/2022	17	2-3	RTD	1	Data Input Error	534	Local
07/08/2022	3	2	RTD	3	Software Defect	5692	Local
07/08/2022	3	5	RTD	3	Software Defect	5682	Local
07/08/2022	6	7	RTD	3	Software Defect	5729	Local
07/08/2022	7	11	RTD	3	Software Defect	5734	Local
07/08/2022	7	12	RTD	3	Software Defect	5736	Local
07/08/2022	7	9	RTD	3	Software Defect	5730	Local
07/08/2022	8	1	RTD	3	Software Defect	5736	Local
07/08/2022	1	2	RTPD	3	Software Defect	5631	Local
07/08/2022	1	3-4	RTPD	3	Software Defect	5620	Local
07/08/2022	2	4	RTPD	3	Software Defect	5693	Local
07/08/2022	3	2	RTPD	3	Software Defect	5682	Local
07/08/2022	3	3	RTPD	3	Software Defect	5681	Local
07/08/2022	4	2-3	RTPD	3	Software Defect	5693	Local
07/08/2022	4	4	RTPD	3	Software Defect	5690	Local
07/08/2022	5	2,4	RTPD	3	Software Defect	5711	Local
07/08/2022	5	3	RTPD	3	Software Defect	5703	Local
07/08/2022	6	1	RTPD	3	Software Defect	5713	Local
07/09/2022	15	5-8,11-12	RTD	2	Software Defect	1611	Local
07/09/2022	16	1-3	RTD	2	Software Defect	1611	Local
07/09/2022	19	1-2,4-6	RTD	2	Software Defect	1611	Local
07/09/2022	15	1-4	RTPD	2	Software Defect	1611	Local
07/09/2022	16,23	1	RTPD	2	Software Defect	1611	Local
07/09/2022	19	4	RTPD	2	Software Defect	1611	Local

Corrections made through interval replacement: 5

Date	HE	Intervals	Market	#	Reason	Affected Area
07/01/2022	10	7-9	RTD	4	Software Defect	System
07/01/2022	2	1-2	RTD	4	Software Defect	System

Corrections made through market rerun: 0

Description of Issues:

1. **Data Input Error:**
    - Invalid congestion on 22192_DOUBLTTP_138_22300_FRIARS _138_BR_1 _1 due to a data input error impacting constraint enforcement.

Prices were corrected by selective recalculation.

2. **Software Defect:**
   - Invalid prices due to a software defect impacting EIM functionality.

   Prices were corrected by selective recalculation.

3. **Software Defect:**
   - Invalid shadow price due to a software defect impacting pricing formation.

   Prices were corrected by selective recalculation.

4. **Software Defect:**
   - Invalid prices due to a software defect impacting RTCD runs.

   Prices were corrected by interval replacement.

Price Fill Report

A price fill occurs whenever a market run failed to publish to the Settlement system. This usually occurs whenever a market run failed, for example when a market fails to come to a solution. It could also occur when an operator decides that a market is not to be run, for example during a contingency event. Automatic price fills also occur in real-time when an operator chooses to utilize the previous interval's solution for the current interval.

Prices are filled according to the rules in CAISO Tariff section 7.7.9 which states that administrative pricing applies to intervals where we have had a market disruption, and requires the prices to be set differently depending on the number of consective market distrputions.

The number of prices which were adjusted by the fill process is as follows.

Total number of filled price intervals: 16

Date	HE	Intervals	Market
07/01/2022	1	11	RTD
07/01/2022	1	12	RTD
07/01/2022	2	2	RTD
07/01/2022	10	8	RTD
07/01/2022	10	9	RTD
07/01/2022	13	8	RTD
07/01/2022	22	12	RTD
07/05/2022	1	2	RTD
07/06/2022	22	9	RTD

07/07/2022	17	12	RTD
07/08/2022	5	9	RTD
07/08/2022	7	10	RTD
07/10/2022	1	7	RTD
07/10/2022	1	11	RTD
07/10/2022	1	12	RTD
07/10/2022	24	2	RTD

Note: Intervals filled are subject to subsequent price corrections where applicable.

Disconnected Pnode Report

According to Congestion Revenue Rights BPM Section 15, when the IFM cannot identify an electrically connected PNODE within the fixed level of proximity, a post process will be performed to determine the next closest electrically connected PNode and replace the LMP of the disconnected PNode with this price. This price update will be done within the DAM price correction timeline.

The number of prices which were adjusted by the disconnected Pnode process is as follows.

Total number of hours with disconnected pnode price update: 0