

Price Correction Report

Week of Apr 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 occurred 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, **125** intervals were corrected.

The trade dates covered by this report are:

DAM: 04/06/2022 – 04/12/2022

RTM: 04/04/2022 – 04/10/2022

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.

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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: 124

Date	HE	Intervals	Market	#	Reason	Number of corrected Pnodes/Apnodes	Affected Area
04/04/2022	17	1-2, 4, 9-12	RTD	1	Data Input Error	285	Local
04/04/2022	17	2-4	RTPD	1	Data Input Error	285	Local
04/06/2022	17	12	RTD	2	Data Input Error	555	Local
04/06/2022	17	6, 10-11	RTD	2	Data Input Error	541	Local
04/06/2022	17	7-8	RTD	2	Data Input Error	540	Local
04/06/2022	17	9	RTD	2	Data Input Error	543	Local
04/06/2022	18	3	RTPD	6	Software Defect	238	Local
04/07/2022	13	1-2	RTD	2	Data Input Error	551	Local
04/07/2022	13	10	RTD	2	Data Input Error	540	Local
04/07/2022	13	12	RTD	2	Data Input Error	555	Local
04/07/2022	13	7-9, 11	RTD	2	Data Input Error	539	Local
04/07/2022	15	1-2	RTD	2	Data Input Error	555	Local
04/07/2022	15	11	RTD	2	Data Input Error	553	Local
04/07/2022	15	3, 6, 12	RTD	2	Data Input Error	564	Local
04/07/2022	15	4	RTD	2	Data Input Error	557	Local
04/07/2022	15	5	RTD	2	Data Input Error	558	Local
04/07/2022	15	7-10	RTD	2	Data Input Error	552	Local
04/07/2022	17	1-2, 10-11	RTD	2	Data Input Error	550	Local
04/07/2022	17	3	RTD	2	Data Input Error	555	Local
04/07/2022	17	4, 12	RTD	2	Data Input Error	551	Local
04/07/2022	17	5	RTD	2	Data Input Error	552	Local
04/07/2022	17	6	RTD	2	Data Input Error	553	Local
04/07/2022	17	7-8	RTD	2	Data Input Error	549	Local
04/07/2022	17	9	RTD	2	Data Input Error	556	Local
04/07/2022	13	4	RTPD	2	Data Input Error	527	Local
04/07/2022	15	1	RTPD	2	Data Input Error	555	Local
04/07/2022	15	2	RTPD	2	Data Input Error	557	Local
04/07/2022	15	3	RTPD	2	Data Input Error	558	Local
04/07/2022	15	4	RTPD	2	Data Input Error	553	Local
04/07/2022	17	1	RTPD	2	Data Input Error	558	Local
04/07/2022	17	2	RTPD	2	Data Input Error	552	Local
04/07/2022	17	3	RTPD	2	Data Input Error	554	Local
04/07/2022	17	4	RTPD	2	Data Input Error	556	Local
04/08/2022	15	1	RTD	2	Data Input Error	546	Local
04/08/2022	15	10-11	RTD	2	Data Input Error	553	Local

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04/08/2022	15	12	RTD	2	Data Input Error	561	Local
04/08/2022	15	4	RTD	2	Data Input Error	548	Local
04/08/2022	15	5, 8	RTD	2	Data Input Error	551	Local
04/08/2022	15	7	RTD	2	Data Input Error	550	Local
04/08/2022	15	9	RTD	2	Data Input Error	552	Local
04/08/2022	17	1, 6-8	RTD	2	Data Input Error	559	Local
04/08/2022	17	10	RTD	2	Data Input Error	558	Local
04/08/2022	17	11	RTD	2	Data Input Error	560	Local
04/08/2022	17	2, 5	RTD	2	Data Input Error	557	Local
04/08/2022	17	3	RTD	2	Data Input Error	561	Local
04/08/2022	17	4	RTD	2	Data Input Error	556	Local
04/08/2022	17	9	RTD	2	Data Input Error	7389	Local
04/08/2022	1	1	RTPD	3	Data Input Error	2611	Local
04/08/2022	1	2, 4	RTPD	3	Data Input Error	2609	Local
04/08/2022	1	3	RTPD	3	Data Input Error	2610	Local
04/08/2022	10	1	RTPD	3	Data Input Error	2560	Local
04/08/2022	10	2	RTPD	3	Data Input Error	2573	Local
04/08/2022	10	3	RTPD	3	Data Input Error	2575	Local
04/08/2022	10	4	RTPD	3	Data Input Error	2568	Local
04/08/2022	11	1	RTPD	3	Data Input Error	2565	Local
04/08/2022	11	2	RTPD	3	Data Input Error	2566	Local
04/08/2022	11	3	RTPD	3	Data Input Error	2563	Local
04/08/2022	11	4	RTPD	3	Data Input Error	2530	Local
04/08/2022	12	1	RTPD	3	Data Input Error	2579	Local
04/08/2022	12	2	RTPD	3	Data Input Error	2587	Local
04/08/2022	12	3	RTPD	3	Data Input Error	2565	Local
04/08/2022	12	4	RTPD	3	Data Input Error	2556	Local
04/08/2022	15	1	RTPD	2	Data Input Error	561	Local
04/08/2022	15	4	RTPD	2	Data Input Error	559	Local
04/08/2022	17	1	RTPD	2	Data Input Error	560	Local
04/08/2022	17	2	RTPD	2	Data Input Error	559	Local
04/08/2022	19	2	RTPD	3	Data Input Error	4282	Local
04/08/2022	6	1	RTPD	3	Data Input Error	2546	Local
04/08/2022	6	3	RTPD	3	Data Input Error	2557	Local
04/08/2022	6	4	RTPD	3	Data Input Error	2565	Local
04/08/2022	7	1	RTPD	3	Data Input Error	2594	Local
04/08/2022	9	1	RTPD	3	Data Input Error	2626	Local
04/08/2022	9	2	RTPD	3	Data Input Error	2581	Local
04/09/2022	14	1	RTPD	3	Data Input Error	4629	Local
04/09/2022	14	3	RTPD	3	Data Input Error	4625	Local
04/09/2022	15	1	RTPD	3	Data Input Error	4612	Local
04/09/2022	15	2	RTPD	3	Data Input Error	4622	Local
04/09/2022	15	3	RTPD	3	Data Input Error	4624	Local
04/09/2022	15	4	RTPD	3	Data Input Error	4629	Local
04/09/2022	16	1	RTPD	3	Data Input Error	4627	Local
04/09/2022	16	2-3	RTPD	3	Data Input Error	4628	Local
04/09/2022	16	4	RTPD	3	Data Input Error	4634	Local
04/09/2022	17	1	RTPD	3	Data Input Error	4634	Local
04/09/2022	19	1	RTPD	3	Data Input Error	4447	Local
04/09/2022	19	2	RTPD	3	Data Input Error	4410	Local
04/09/2022	19	3	RTPD	3	Data Input Error	4426	Local
04/09/2022	6	3	RTPD	3	Data Input Error	4600	Local
04/10/2022	21	1	RTPD	4	Software Defect		Local
04/10/2022	24	1	RTPD	3	Data Input Error	1569	Local
04/10/2022	24	2	RTPD	3	Data Input Error	1563	Local

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Corrections made through Interval Replacement: 1

Date	HE	Intervals	Market	#	Reason	Affected Area
04/06/2022	20	3	RTPD	5	Software Defect	System

Corrections made through Market Rerun: 0

Description of Issues:

1. Data Input Error:

- Invalid EIM price due to a data input error impacting bid range capacity test.

Prices were corrected by Selective Recalculation.

2. Data Input Error:

- Invalid congestion on ATW_VEL 1 due to a data input error impacting load distribution factors.

Prices were corrected by Selective Recalculation.

3. Data Input Error:

- Invalid congestion on SUMMIT_BG due to a data input error impacting constraint enforcement.

Prices were corrected by Selective Recalculation.

4. Software Defect:

- Invalid flex down shadow price due to a software defect impacting flex pricing.

Prices were corrected by Selective Recalculation.

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5. Software Defect:

- Invalid prices due to a software defect impacting resource dispatch.

Prices were corrected by Interval Replacement.

6. Software Defect:

- Invalid shadow price due to a software defect impacting pricing formation.

Prices were corrected by Selective Recalculation.

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 consecutive market disruptions.

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

Total number of filled price intervals: 2

Date	HE	Intervals	Market
04/04/2022	20	2	RTD
04/04/2022	20	3	RTD

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

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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